bench KH 6777 DVD Player

Operating Instructions

The eBench KH 6777 DVD Player incorporates a technology for copyright protection that is protected by process claims of certain US patents and/or other intellectual ownership rights of the Macrovision Corporation and other Copyright owners.

The use of this technology for copyright protection must be approved by Macrovision Corporation and is exclusively intended for non-commercial use in the private area; all other uses require the explicit approval of the Macrovision Corporation.

Reverse engineering and disassembly are explicitly prohibited.

Produced under the license of Dolby Laboratories, Inc.

"Dolby" and the Double-D symbol are registered trade marks of Dolby Laboratories, Inc. Confidential Unpublished Works.

1992-1997 Dolby Laboratories, Inc. All rights reserved.

The device is protected by the US patents 4.631.603, 4.577.216, 4.819.098 and 4.907.093.

The Licence only applies to private use.

Kompernaß Handelsgesellschaft mbH • Burgstraße 21 • D-44867 Bochum, Germany
www.kompernass.com

—

Status of the Operating Instructions: 14th September 2003

Index

1. Technical Data 6
- Video output 6
- Audio output 6
- Digital audio output 6

2. Use and function 6

3. Scope of the delivery 6

4. Controls, displays and connections ... 7
- **4.1. ... on the DVD player** 7
- **4.2. … at the back of the DVD player** 7
- **4.3. ... on the remote control** 8

5. Setting up the DVD Player/Safety instructions 9

6. Remote control 9
- **6.1. Loading the batteries** 9
- **6.2. Using the remote control** 9
- **6.3. Exchanging batteries** 10

7. Connecting the DVD Player to a television 10
- **7.1. Connection to a television with SCART cable/RGB** 10
- **7.2. Connection to a television via S-Video** 10
- **7.3. Connection to a television via video input (Composite Video)** 11
- **7.4. Connection via components signal (YPbPr/Progressive Scan and YUV)** 11

8. Connecting the DVD Player to a Video Projector 12

9. Connecting headphones to the DVD Player 12

10. Connecting Audio-Components to the DVD Player 13
- **10.1. Connecting a HiFi system** 13
- **10.2. Connecting digial audio components via digital cables** 13
  - Connection via coaxial cable 14
  - Connection via optical cable 14
- **10.3. Connecting digital audio-components via analog cable** 14

11. Necessary settings on the DVD Player prior to operation 15
- **11.1. Operating the OSD menu** 15
- **11.2. Language settings** 16
- **11.3. Video settings** 17
  - Setting the screen format 17
  - Setting the television standard 17
  - Setting Video Output 18
- **11.4. Audio settings** 18
  - Setting Prologic 18
  - Setting Digital Output 18
  - Speaker settings 19
  - Setting speaker sizes 19
  - **Stereo-Downmix** 19
  - Setting the speaker distance in relation to the listening point 21
  - Setting the sound level of the speakers 21

IB_KH6777_EN 3 23.09.2003, 0:56 Uhr

12. Starting the DVD Player **22**

13. Playing DVDs, VCDs or S-VCDs **24**
13.1. Functions while a DVD, VCD or S-VCD is being played **25**
Stopping playback (Pause) 25
Terminating playback (Stop) 25
... with Resume Function 25
... without Resume Function 25
Calling DVD-Menu (Menu) 25
Playback Control (PBC) with VCDs/S-VCDs 25
Jump to the beginning of the chapter (Skip) 26
Direct chapter selection 26
Enter the chapter number with the numeral buttons 26
Search function (Search) 26
Direct Chapter Selection by way of the search function (Search) 26
Entering the time position with the search function 26
Entering the chapter number with the search function 27
Fast Search Forward/Rewind 27
Slow Play Forward/Return (Slow Motion) 27
Single Frame Forward (Step) 28
Enlarging the picture (Zoom) 28
Changing the camera angle (Angle) 28
Subtitle fade-in/fade-out 28
Changing the playback language 29
Programmed playback (Program) 29
Programming example 29
Fade-in disc information 30
Switching on different play modes 30
Random Playback 30
Repeat play 31
Repeating sequences (A – B) 31
Bookmark function 31

14. Playing audio-CDs **34**
14.1 Functions while playing an audio-CD **34**
Stopping playback (Pause) 34
Ending playback (Stop) 35
... with Resume function 35
... without Resume function 35
Jumping to the beginning of a title (Skip) 35
Intro function (Disc Scan) 35
Direct title selection 35
Entering the title with the numeral buttons 35
Search function 35
Selecting passages of a title by way of the time position 35
Selecting titles by their time position 36
Selecting titles by title numbers 36
Search in Fast Forward/Fast Rewind 36
Programmed playback (Program) 36
Program example 37
Fading-in CD information 37
Switching on different Play Modes 37
Random playback 37
Repeat play 37
Repeating sequences (A – B) 38
Bookmark function 38

15. Playing CD-Rs/CD-RWs with MP3 or WMA Files 40
15.1. Functions when playing a CD-R/CD-RW with MP3 or WMA files 42
Stopping playback (Pause) 42
Ending playback (Stop) 42
... with Resume function 42
... without Resume function 42
Jumping to the beginning of a title (Skip) 42
Direct title selection 42
Entering the title with the numeral buttons 42
Selecting a title by way of the search function (Search) 42
Repeating sequences (A – B) 43
Select Play mode 43
Programmed playback (Program) 44

16. Playback JPEG-CDs 48
16.1. Functions when displaying JPEG pictures 49
To stop display (Pause) 49
Terminating picture display (Stop) 50
... with Resume Function 50
... without Resume Function 50
Jump to the next/previous picture (Skip) 50
Turning pictures 50
Direct picture selection 50
Entering the picture number with the numeral buttons 50
Picture selection via the search function (Search) 50
Selecting the display mode 51
Programmed picture display (Program) 52

17. General Functions of the DVD Player 54
Setting the sound volume 54
Muting the sound (Mute) 54
Child lock 54
Selecting your own password 55
Returning the DVD Player to the works settings 55
Switching off the DVD Player 56
Cleaning the DVD Player 56

18. Faults and how they can be remedied 58

19. Glossary/Index 62
What are DVDs, VCDs and S-VCDs? 62
Playback Control (PBC) 62
What are title and chapter? 62
What are SCART, S-Video, Composite-Video Progressive Scan and YUV? 62
Fields (Interlace)/Frames (Progressive Scan) 62
Decoder 63
Dolby Surround 63
Dolby Prologic 63
Dolby Digital (5.1) 63
DTS 63
What are PAL, NTSC and SECAM? 63
Audio-CDs 63
MP3 63
WMA 63
JPEG 63
What are folders? 63

IB_KH6777_EN 5 23.09.2003, 0:56 Uhr

1. Technical Data

Mains:	alternating current 230 V ~50 Hz
Input:	25 watt
TV standard:	PAL/NTSC
Operating temperature:	+5 ~ +35°C
Moisture:	5 ~ 90 % (no condensation)
Weight:	< 3.5 kg
Dimensions:	430 mm × 55 mm × 302 mm

Video output

Output level:	1 + 0.2/-0.2 Vp-p (75 Ω)
Horizontal resolution:	>500 lines
Signal-to-interference ratio:	>60 dB

Audio output

Impedance:	10 kΩ
Output level:	1.8 + 0.2/-0.8 Vrms (1kHz 0 dB)
Harmonic distortion:	<0.01 % (JIS-A 1kHz, typical)
Dynamic range:	>80 dB (JIS-A 1 KHz, typical)
Signal-to-interference ratio:	>95 dB(JIS-A 1 kHz, typical)
Headphones socket 1, 2:	6,3 mm, 32 Ω

Digital audio output

Coaxial output and optical output

2. Use and function

The eBench KH 6777 DVD Player is exclusively intended …

- as an **entertainment electronics device** to play …
- ... DVD-Videos in the formats12 cm (diameter) and 8 cm (diameter) with the country/regional code 2 or ALL, identified by the logo DVD VIDEO.
- ... Video-CDs (VCDs) und Super Video-CDs (S-VCDs) in the formats 12 cm (diameter) und 8 cm (diameter), identified by the logo COMPACT DISC.
- ... Audio-CDs in the formats 12 cm (diameter) and 8 cm (diameter), identified by the logo COMPACT DISC DIGITAL AUDIO.
- ... Generally, the file formats CD Audio (.cda), MP3 (.mp3), Windows Media Audio (.wma) and JPEG (.jpg) on the storage media CD-R and CD-RW.
- ... for **stationary operation indoors**
- ... for **private, non-commercial use**

The following can be connected to the eBench KH 6777 DVD Player for video display when playing DVDs, VCDs and S-VCDs …

- Stereo and mono televisions in the TV standards PAL or NTSC and the screen formats 4:3 LB, 4:3 Pan & Scan, 16:9
- Video-Projectors featuring the appropriate connecting facilities and the connection of a DVD player by the manufacturer of the video projector is provided/permitted

The following can be connected to the eBench KH 6777 DVD Player for the output of sound and music …

- The speakers of the television connected to the DVD Player
- Headphones with 6.5 mm jack plug socket
- External audio units such as HiFi systems, receivers or surround sound systems (analog/digital)

Warning!

We do not accept any liability/warranty for damage incurred as a result of incorrect use!

3. Scope of the delivery

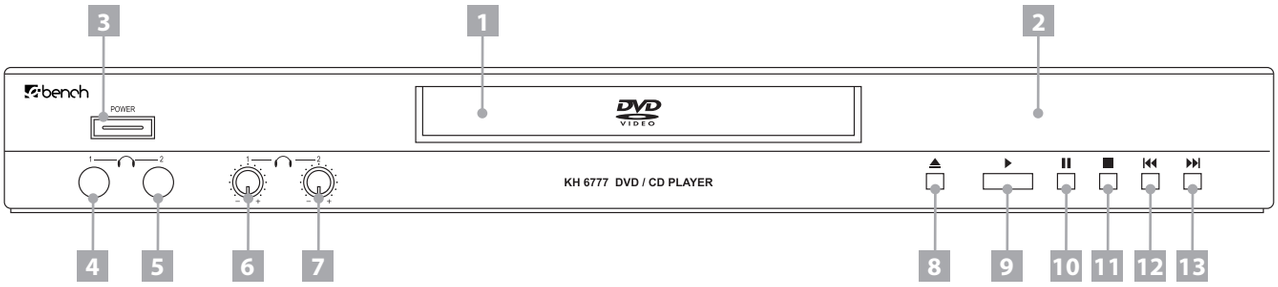
1. DVD player
2. Infrared remote control
3. 2 batteries for the remote control, type AAA/LR 03
4. Audio/Video chinch connecting cable
5. RGB-SCART cable
6. Operating instructions

IB_KH6777_EN 6 23.09.2003, 0:56 Uhr

4. Controls, displays and connections ...

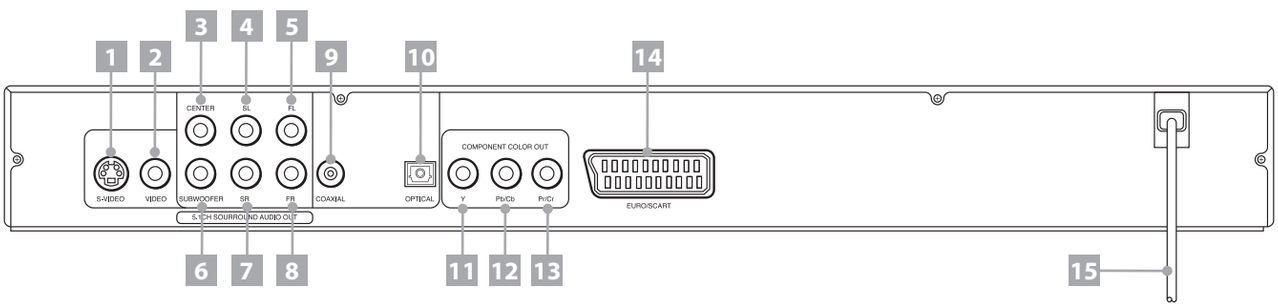
4.1. ... on the DVD player

1 Disc drawer
2 Display
3 “Power“ button
4 Headphones socket 1
5 Headphones socket 2
6 Volume control for headphones socket 1
7 Volume control for headphones socket 2
8 “Open/Close“ button ⏏
9 “Play“ button ▷
10 “Pause“ button ⏸
11 “Stop“ button ■
12 “Skip back“ button ⏮
13 “Skip forward“ button ⏭



4.2. … at the back of the DVD player

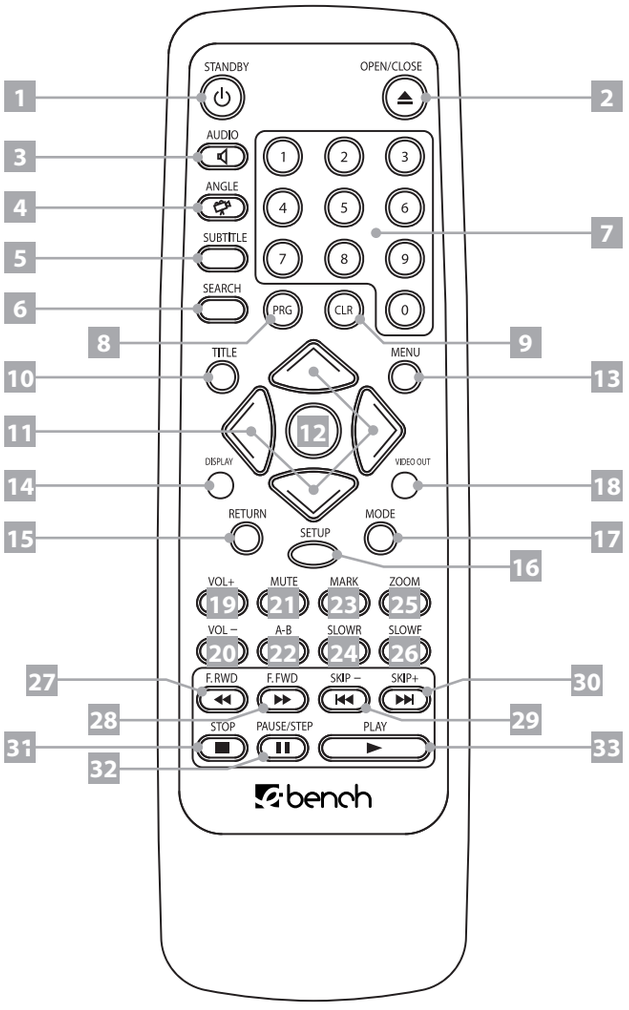
1 “S-Video“ socket
2 “Video“ socket
3 “Center“chinch socket
4 “SL“chinch socket
5 “FL“chinch socket
6 “Subwoofer“chinch socket
7 “SR“chinch socket
8 “FR“chinch socket
9 “Coaxial“socket
10 “Optical“socket
11 “Y“socket
12 “Pb/Cb socket
13 “Pr/Cr socket
14 “Euro SCART“socket
15 Mains cable



IB_KH6777_EN 7 23.09.2003, 0:56 Uhr

4.3. ... on the remote control

1 “Standby“ button
2 “Open/Close“ button
3 “Audio“ button
4 “Angle“ button
5 “Subtitle“ button
6 “Search“ button
7 Numeral pad/buttons “0“ to “9“
8 “PRG“ button
9 “CLR“ button
10 „Title“ button
11 Control buttons △▽◁▷
12 “OK“ button
13 “Menu“ button
14 “Display“ button
15 “Return“ button
16 “Setup“ button
17 “Mode“ button
18 “Video Out“ button
19 “Vol +“ button
20 “Vol –“ button
21 “Mute“ button
22 “A – B“ button
23 “Mark“ button
24 “SlowR“ button
25 “Zoom“ button
26 “SlowF“ button
27 “F.Rwd“ button ⏪
28 “F.Fwd“ button ⏩
29 “Skip –“ button ⏮
30 “Skip +“ button ⏭
31 “Stop“ button ■
32 “Pause/Step“ button ⏸
33 “Play“ button ▷



IB_KH6777_EN 8 23.09.2003, 0:56 Uhr

5. Setting up the DVD Player/Safety instructions

1 Carefully remove the DVD Player and the supplied accessories from the packaging.

2 Peel off the protection foils on the front mirror panel and DVD drawer panel.

3 Place the DVD Player on a level, non-slip base.

To prevent damage, functional interference and the danger of an electric shock, do not use the DVD Player …

- In the immediate vicinity of heat sources such as stoves, fan heaters and similar appliances! Exposure to heat can case the DVD Player to overheat and the risk of melting plastic parts, thereby causing irreparable damage!

Warning!

Overheating can result in the danger of fire!

- In damp surroundings, for instance in basements or a sauna! Moisture entering the DVD Player can cause functional problems and irreparable damage!

Warning!

Moisture entering the DVD Player can result in the danger of electric shock!

- Not in the immediate vicinity of water, for instance in a bathroom or near a swimming pool. Never place any water-filled containers, for instance a flower vase, on the DVD Player.

Warning!

If water enters the DVD Player, or if dropped in water, then it can be irreparably damaged and there is the danger of an electric shock!

- Do not place in a bookcase, cupboards or other closed furniture, no on beds and bedding as this will cover the ventilation openings in the case. The DVD Player will then overheat.

  For the same reason do not place any other devices (e.g. a television) on the DVD Player.

  To ensure adequate ventilation at the selected point of installation there must be a space of at least 10 cm at the back, on either side, and above the DVD Player in relation to walls and any objects.

Warning!

Overheating can cause irreparable damage to the DVD Player, and there is the risk of firel

Please note:

No liability/warranty is accepted for damage to theD-VD Player as a result of the following …

- **Exposure to moisture**
- **Water entering the set**
- **Overheating**

Caution!

Do not plug the DVD Player into a mains socket. Wait until the DVD Player has been connected to a television.

If at any time later on the video or audio connection are to be changed, then it is essential that the DVD Player is first disconnected from the mains, otherwise any devices connected to the DVD Player could be irreparably damaged as a result of the arising voltage peaks!

6. Remote control

6.1. Loading the batteries

1 Open the battery compartment at the back of the remote control and remove the battery compartment cover.

2 Insert the two supplied AAA/LR 03 type batteries (microcells) in the battery compartment. Ensure that the batteries are inserted according to their polarity.

3 Return the battery compartment cover.

6.2. Using the remote control

Proceed as follows to ensure faultless operation when using the remote control…

- Point the remote control at the DVD Player
- Ensure that there are no obstacles between the remote control and the DVD Player that could interfere with reception.
- Do not use the remote control at a distance of more than 5 meters from the DVD Player.

Otherwise remote controlled operation of the DVD Player functions can be disrupted.

IB_KH6777_EN 9 23.09.2003, 0:56 Uhr

6.3. Exchanging batteries

The batteries must be exchanged when remote controlled operation of the DVD Player is disrupted or does not function at all.

Always exchange both batteries together to re-establish full power.

Please note:

Spent batteries must not be disposed of in the domestic waste. Hand in spent batteries at collecting or special waste-disposal points, or return them to the place where they were purchased.

If you eventually have to dispose of the remote control of the DVD Player, then ensure that the batteries are removed beforehand!

7. Connecting the DVD Player to a television

After having set up the DVD Player it can then be connected to a television. The DVD Player can be connected to televisions with the PAL, NTSC and SECAM television standards.

To connect the DVD Player to a television with …

- NTSC standard, then the video settings in the so-called "OSD" menu of the DVD Player must be changed because this is where PAL has been works adjusted as television standard.
- Settings do not have to be changed to use the SECAM standard. The works adjusted settings for the PAL standard also enable DVD Player operation with SECAM televisions provided that they can also process PAL signals.

➧ *For this subject please also refer to Chapter 11.3 "Video Settings: Setting Video Output "*

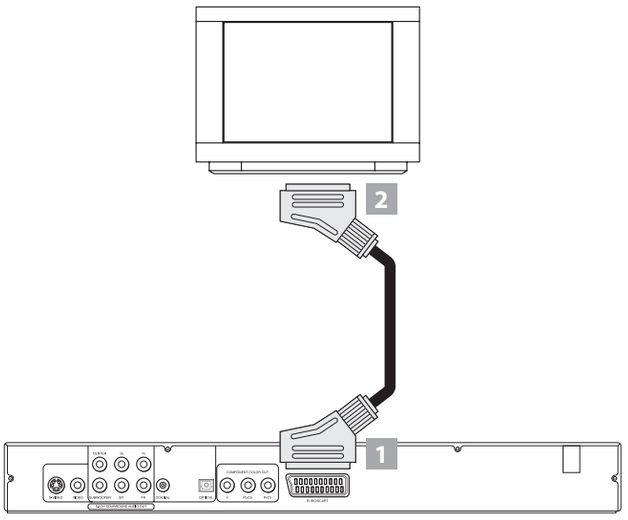
There are different ways to connect the DVD Player, depending upon the configuration of the given television:

7.1. Connection to a television with SCART cable/RGB

Please note:

The best connection in terms of quality is when the DVD Player is connected to a television with a SCART cable via the RGB input. Select this connection if the television features an RGB connection. Check the operating instructions for the given television if you are not sure whether or not the television has an RGB input.

Proceed as follows to connect the DVD Player to a television with a SCART cable …



1 Insert the plug of the supplied SCART cable in the "EURO SCART" inscribed socket at the back of the DVD Player.

2 Insert the plug on the other end of the SCART cable in the television's SCART socket.

3 Set the television in the AV channel to RGB mode. Refer to the operating instructions of the given television if you are not sure how to set this.

➧ *For this subject please also refer to Chapter 11.3."Video Settings: Setting Video Output".*

7.2. Connection to a television via S-Video

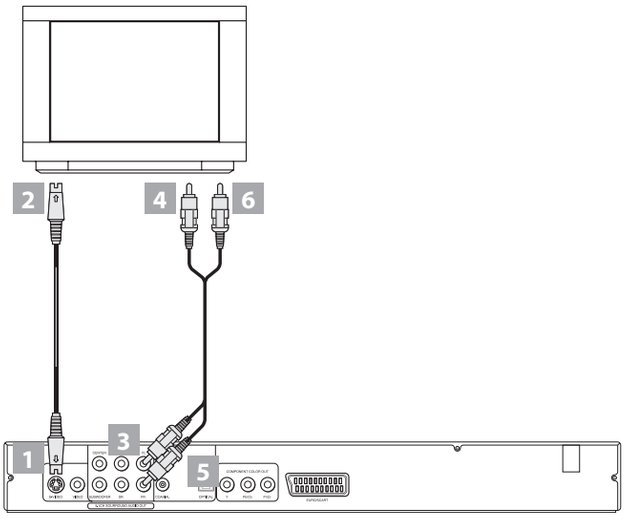
Please note:

For this manner of connection the television must have an S-Video input and two unassigned chinch sockets.

If you are not sure whether or not the television is S-Video capable or has chinch sockets, then please refer to the operating instructions for the given television.

To connect the DVD Player to the television via S-Video …

IB_KH6777_EN 10 23.09.2003, 0:56 Uhr



1 Insert the S-Video cable into the "S-Video" socket at the back of the DVD Player.

2 Insert the S-Video cable in the S-Video socket on the television.

3 Insert the white plug of the supplied audio/video chinch cable in the "FL" chinch socket at the back of the DVD Player.

4 Insert the white plug on the other end of the audio/video chinch cable in the audio socket for the left channel on the television.

5 Insert the red plug of the audio/video chinch cable in the "FR" chinch socket at the back of the DVD Player.

6 Insert the red plug on the other end of the audio/video chinch cable in the audio socket for the right channel on the television.

7 Set the television to the AV channel that is to reproduce the S-Video signal. If you are not sure how to effect this setting, then please refer to the operating instructions for the given television. Furthermore, check in the operating instructions whether any other settings have to be be set on the television.

➧ ***For this subject please also refer to Chapter 11.3."Video Settings: Setting Video Output".***

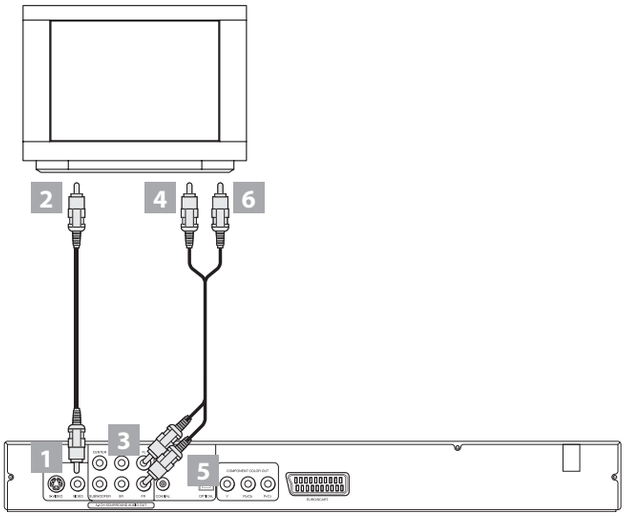
7.3. Connection to a television via video input (Composite Video)

If the television to which the DVD Player is to be connected is …

- not S-Video capable, and does
- not have a SCART socket, but does have chinch sockets

… then the DVD Player can be connected to the television via the video input (the so-called "Composite Video" connection).

Proceed as follows for this purpose …



1 Insert the yellow plug of the supplied audio/video chinch cable into the yellow "Video" socket at the back of the DVD Player.

2 Insert the yellow plug on the other end of the audio/video chinch cable into the corresponding chinch socket of the television

3 Insert the white plug of the audio/video chinch cable in the "FL" chinch socket on the back of the DVD Player.

4 Then insert the white plug on the other end of the audio/video chinch cable into the audio socket for the left channel on the television.

5 Insert the red plug of the audio/video chinch cable into the "FR" chinch socket on the back of the DVD Player.

6 Insert the red plug on the other end of the audio/video chinch cable in the audio socket for the right channel on the television.

7 Check the operating instructions for the given television if any settings have to be made on the television in order to be able to operate the DVD Player.

➧ ***For this subject please also refer to Chapter 11.3."Video Settings: Setting Video Output".***

7.4. Connection via components signal (YPbPr/Progressive Scan and YUV)

Output of the so-called "components signals" is by way of the YpbPr sockets of the DVD Players. The components signals are available in the form of

IB_KH6777_EN 11 23.09.2003, 0:56 Uhr

- so-called "YUV" signals (half frame)

  and as

- so-called "YPbPr" signals (full frame/Progressive Scan).

➧ ***For this subject please refer to Chapter 19 "Glossary/ Index".***

Please note:

For both methods of connection the television to which the DVD Player is to be connected must have two unassigned audio chinch sockets.

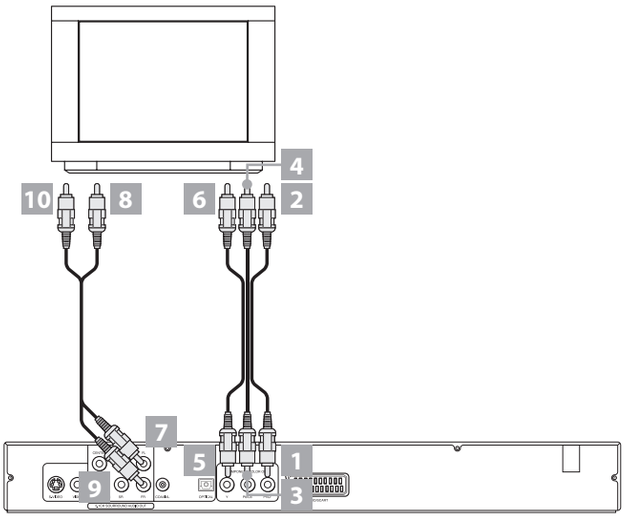
The cabling for both methods is identical; YpbPr signals for Progressive Scan can only be used if the television (or the video projector) that is to be connected to the DVD Player is Progressive Scan capable.

If you are not sure whether or not the television (or video projector) that is to be connected to the DVD Player is Progressive Scan capable and has chinch sockets, then please refer to the operating instructions for the given television (or video projector).

Both variants – and "YPbPr" and "YUV"– require the following …

- the supplied audio/video chinch cable
- two additional chinch cables; these are available from your local dealer.

To connect the DVD Player via component signal …



1 At the back of the DVD Player there are three so-called "Component Colour Out" sockets "Y", "Pb/Cb" and "Pr/Cr". First insert the red plug of the supplied audio/video chinch cable in the "Pr/Cr" chinch socket at the back of the DVD Player.

2 Insert the red plug at the other end of the audio/video chinch cable in the corresponding Component Video IN-socket "Pr/Cr" on the television.

3 Insert the white plug of the audio/video cable in the "Pb/Cb" chinch socket at the back of the DVD Player.

4 Insert the white plug at the other end of the audio/video chinch cable in the corresponding Component Video IN-socket "Pb/Cb" on the television.

5 Insert the yellow plug of the audio/video chinch cable in the "Y" chinch socket at the back of the DVD Player.

6 Insert the yellow plug of the audio/video chinch cable in the corresponding Component Video IN-socket "Y" on the television.

7 Pick up the two additional chinch cables and insert the the white plug of the chinch cable in the "FL" chinch socket on the back of the DVD Player.

8 Then insert the white plug on the other end of the chinch cable in the audio socket for the left channel on the television.

9 Insert the red plug of the chinch cable in the "FR" chinch socket on the back of the DVD Player.

10 Finally, insert the red plug on the other end of the chinch cable in the audio socket for the right channel on the television.

11 Refer to the operating instructions for the given television to find out whether any settings have to be made on the television so that the DVD Player can be used in this connection with the television.

➧ ***For this subject please also refer to Chapter 11.3."Video Settings: Setting the Video Output".***

8. Connecting the DVD Player to a Video Projector

A video projector can be connected to the DVD Player so that DVDs and S-VCDs can be shown by the video projector.

Refer to the operating instructions for the video projector to find out which connecting facilities should be used and how the connection can be established. Any additional cables that may be necessary are available from your local dealer.

9. Connecting headphones to the DVD Player

Proceed as follows to connect headphones to the DVD Player …

IB_KH6777_EN 12 23.09.2003, 0:56 Uhr

1 Insert the jack plug of the headphones in the "1" headphones socket on the front panel of the DVD Player.

2 Set the required volume with the "1" inscribed volume control alongside the headphones sockets.

3 If required, a second pair of headphones can be connected to the "2" inscribed headphones socket. The volume of the second headphones is variable independent of the first headphones with the "2" inscribed headphones socket to the right of the headphones sockets.

10. Connecting Audio-Components to the DVD Player

In addition to sound reproduction of DVDs/VCDs/S-VCDs, as well as audio and MP3-CDs by way of …

- the speakers of the television to which the DVD Player is connection, or
- up to two pairs of headphones with 6.5 mm jack plugs that can be plugged into the headphones sockets on the front panel of the DVD Player …

… the sound can also be reproduced by external audio components such as HiFi systems, Dolby Digital/DTS receivers or surround-sound systems.

The following possibilities are available:

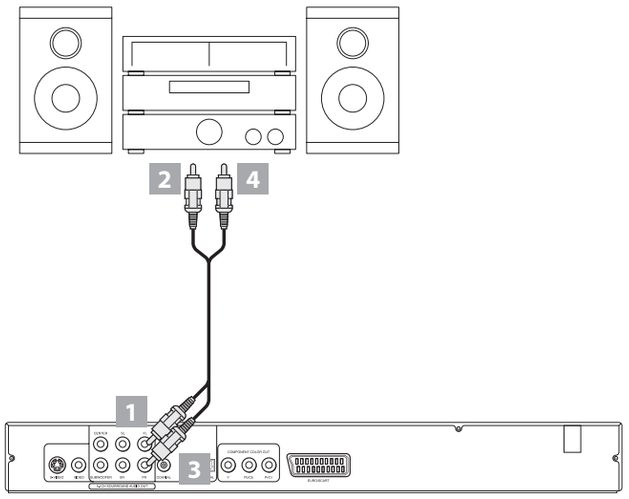
10.1. Connecting a HiFi system

To play DVDs, VCDs/S-VCDs, audio and MP3-CDs with the DVD Player and enjoy the experience of a full sound, a HiFi system can be connected to the DVD Player. Before actually connecting the DVD Player, please refer to the operating instructions for the given HiFi system to check …

- Whether the HiFi system is suitable for connection to a DVD Player. If yes …
- Whether the HiFi system has chinch sockets. If yes …

... then the HiFi system can be connected to the DVD Player via chinch cables. The audio/video chinch cable included with the DVD Player can be used for this purpose if it is not required for connection of the DVD Player to the television; the yellow plugs remain unused. If the audio/video chinch cable is already being used, then an additional chinch cable must be purchased from your local dealer.

Proceed as follows to connect the DVD Player to a hifi system …



1 Insert the white plug of the chinch cable in the "FL" chinch socket on the back of the DVD player.

2 Insert the white plug on the other end of the chinch cable in the chinch socket for the left channel on the HiFi system.

3 Insert the red plug of the chinch cable in the "FR" chinch socket at the back of the DVD Player.

4 Insert the white plug on the other end of the chinch cable in the chinch socket for the right channel on the HiFi system.

5 Refer to the operating instructions to find out whether any settings have to be made on the HiFi system to reproduce the sound of a DVD, VCD/S-VCD, Audio- or MP3-CD by HiFi system.

Please note:

For an optimal sound experience set up the speakers of the HiFi system to the right and left of the television to which the DVD Player is connected.

If the DVD Player has been connected to the television with a SCART cable, then the audio signals will be transmitted both via the chinch cable to the HiFi system and via the SCART cable to the television. In this case set the minimum sound volume on the television if the sound is to be reproduced by the HiFi system.

10.2. Connecting digial audio components via digital cables

To enjoy stereophonic sound with DVDs, VCDs/S-VCDs or audio CDs (distinguishable by the Dolby Digital or DTS logo), the DVD Player can be connected to digital audio components – e.g. a Dolby Digital or DTS receiver, and a suitable surround-sound system.

IB_KH6777_EN 13 23.09.2003, 0:56 Uhr

The necessary cables for the subsequently described connection method are available from your local dealer.

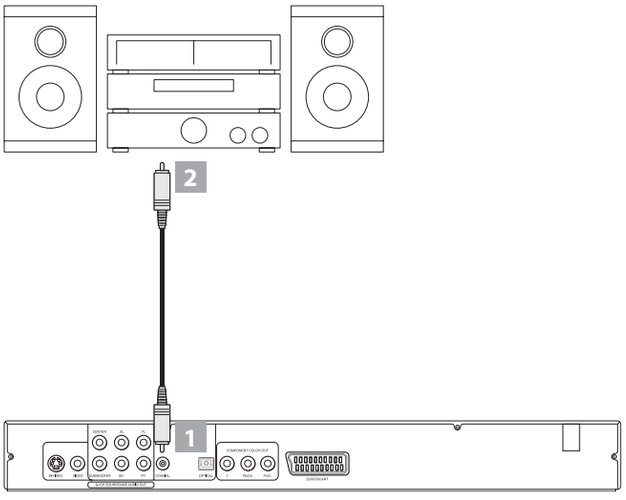
Check the operating instructions for the given audio component whether it can be connected to a DVD Player …

- with a coaxial cable, or
- with an optical cable.

If both are possible then you are free to choose which connecting method you prefer.

Connection via coaxial cable

Proceed as follows to connect the DVD Player to a surround-sound system with a digital coaxial cable …

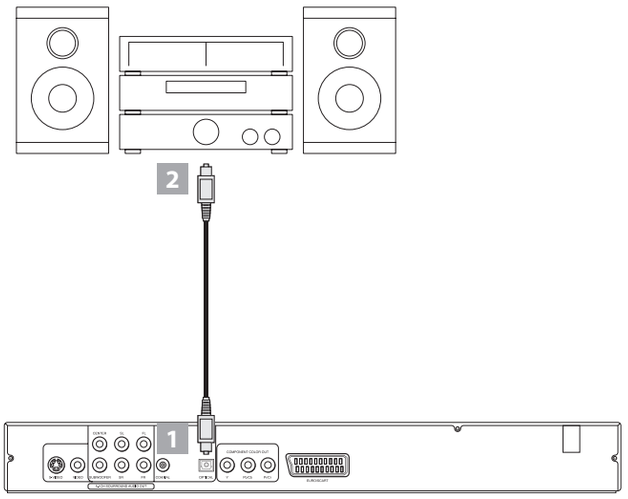


1 Insert the coaxial cable plug into the "COAXIAL" socket on the back of the DVD Player.

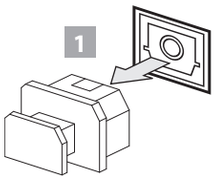
2 Insert the plug on the other end of the coaxial cable in the corresponding socket of your Dolby Digital or DTS amplifier.

Connection via optical cable

Proceed as follows to connect the DVD Player to a digital audio component with an optical cable …



1 First remove the protective cover over the "Optical" socket on the back of the DVD Player.



2 First remove the protective cover over the "Optical" socket on the back of the DVD Player.Then insert the plug of the optical cable in the "Optical" socket.

3 Insert the plug on the other end of the optical cable in the corresponding socket of the digital audio component.

Please note:

When connecting an optical cable, ensure that no dust or other dirt can enter the socket as this would interfer with the signal.

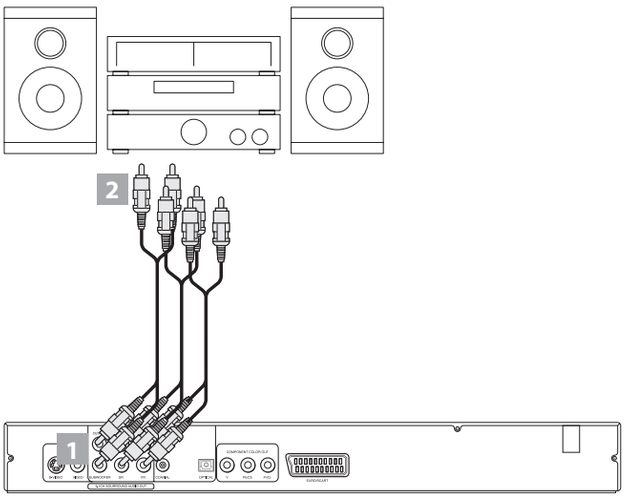
Always return the protective cover over the optical output when the optical cable has been disconnected from the socket on the DVD Player!

10.3. Connecting digital audio-components via analog cable

If the digital audio-component does not have a digital input, then the DVD Player can also be connected via a conventional analog chinch cable.

Proceed in the following manner to connect the DVD Player with analog cables …

IB_KH6777_EN 14 23.09.2003, 0:56 Uhr



1 Insert a chinch cable in the…

- "FL" socket (front left channel)
- "FR" socket (front right channel)
- "SL" socket (rear left channel)
- "SR" socket (rear right channel)
- "CENTER" socket (front middle channel) and
- the "SUBWOOFER" (Bass) socket

… at the back of the DVD Player.

2 Connect the chinch cable with the corresponding analog inputs on the digital audio component.

11. Necessary settings on the DVD Player prior to operation

All settings on the DVD Player player can be effected with the remote control via the so-called "OnScreen Display" menu (abbreviated "OSD" menu). The OSD menu is superimposed on the television screen.

Before using the DVD Player for the first time to play DVDs, VCDs/S-VCDs or audio-/MP3-CDs, a few settings have to be made by way of the OSD menu. The actual settings depend, among other things, on …

- The language in which the OSD menu is to be shown.
- The television standard of the television to which the DVD Player is to be connected.
- The picture format that can be presented by the television.

Proceed in the following manner to effect the necessary settings by way of the OSD menu …

1 First insert the power cable plug of the DVD Player into a mains socket.

2 To switch on the DVD Player press the "Power" button on the front of the DVD Player. If the DVD Player has already been switch on and is in standby mode, then press the "Standby" button on the remote control once to turn on the DVD Player.

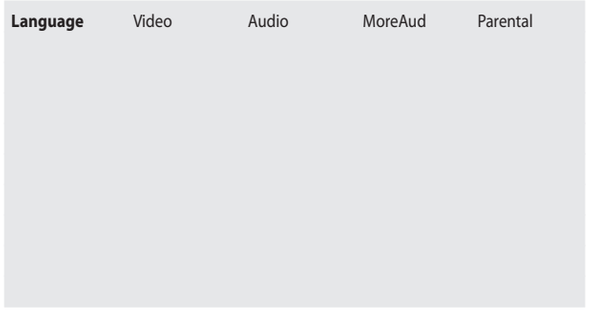
"Load" will then start to flash on the display on the front of the DVD Player, which is then followed by "NoDisc". The following appears on the television screen:

3 Study the following brief instructions to familiarize yourelf with the operation of the OSD menu:

11.1. Operating the OSD menu

Proceed in the following manner to call the OSD menu of the DVD Player ...

4 Press the "Setup" button on the remote control once. The OSD menu with its menu items are displayed on the television screen:



5 The "Language" menu item is the first to be automatically selected. The individual menu items can now be selected with the control buttons ◁ and ▷ on the remote control, and called by pressing the "OK" button on the remote control. The sub-menu of the selected menu item will then be displayed.

IB_KH6777_EN 15 23.09.2003, 0:56 Uhr

6 Sub-items can be selected in the sub-menu with the control buttons △ and ▽, and called by pressing the "OK" button. The selectable options available in the selected menu sub-item are then displayed.

7 It is now possible to run through the different selectable options of a menu sub-item by repeatedly pressing the "OK" button on the remote control. The available options relating to the current menu item or menu sub-item will be displayed with each depression of the "OK" button.

8 After all settings have been made, press the "Setup" button on the remote control once to fade out the OSD menu.

11.2. Language settings

The "Language" menu item is the first to be automatically selected. Press the "OK" button once. The "Language" menu is displayed on the television screen, together the following sub-items and the currently selected settings for each sub-item:

OSD Menu English

Set the language in which the OSD menu is to be displayed on the television screen.

Subtitle English

Set the language in which the subtitle is to be displayed on the television screen while a film is being shown.

Please note:

Subtitles can only be shown in the selected language while a DVD/VCD/S-VCD is being played if the given language is available as a subtitle on the DVD/VCD/S-VCD.

If this is not the case then no subtitles will be shown while the DVD/VCD/S-VCD is being played.

Information concerning the available subtitles will be printed on the sleeves of most DVDs/VCDs/S-VCDs.

➧ ***For this subject please refer to the Chapter 13.1. "Subtitle fade-in/fade-out"***

Audio English

Set the language in which the contents of the DVD/VCD/S-VCD are being played.

Please note:

Films can only be played in the selected language if this language is available on the DVD/VCD/S-VCD.

If this is not the case, then the film will be shown in a language that is available on the DVD/VCD/S-VCD.

The available languages are usually indicated on the sleeves of most DVDs/VCDs/S-VCDs.

➧ ***For this subject please also refer to Chapter 13.1. "Changing the playback language"***

DVD Menu English

Set the language (if available) in which the menu of DVDs/VCDs/S-VCDs is to be displayed on the television screen.

Please note:

Not all films on DVD/VCD/S-VCD have a menu. If there is a menu, then it can only be displayed in the selected language if the given language is actually available on the DVD/VCD/S-VCD. If this is not the case, then the menu will be displayed in a language that is available on the DVD/VCD/S-VCD. With many DVDs/VCDs/S-VCDs that have a menu, you can select the language in which the menu is to be displayed.

➧ ***For this subject please also refer to Chapter 13.1 "Calling DVD menu" and "Playback Control (PBC) with VCDs/S-VCDs".***

Proceed in the following manner to change the current settings of one or more sub-items ...

1 The menu sub-item "OSD-Menu" is the first to be automatically selected. Press the "OK" button on the remote control. The available languages for the sub-item "OSD Menu" will now be displayed on the television screen.

2 Select with the control buttons △ and ▽ on the remote control the language in which the OSD menu is to be displayed.

3 Confirm the choice by pressing the "OK" button once.

4 If the current settings are to be changed to other sub-items …

- Subtitle
- Audio
- DVD-Menu

... then select one of the sub-items with the control buttons △ and ▽, and the "OK" button, and then the required language with the control buttons △ and ▽, and the "OK" button.

With the "Subtitles" sub-item it is possible to select, in addition to the different languages, also one of the options "Auto" or "Off":

IB_KH6777_EN 16 23.09.2003, 0:56 Uhr

- If you select the "Auto" option, then the sub-titles (if they exist) will be displayed on the screen in the first available language on the DVD/VCD/S-VCD when the film is played.
- If the "Off" option is selected, then subtitles will not be displayed, other than you press the "Subtitle" button while the film is being played.

➧ *For this subject please refer to the Chapter 13.1. "Subtitle fade-in/fade-out"*

11.3. Video settings

1 Fade in the OSD menu if, at this moment, it is not being displayed on the television screen.

2 Select the menu item "Video" by pressing the control button ▷ once and then confirm by pressing the "OK" button once.

The "Video" menu, together with the following sub-items and current settings for each sub-item, will be displayed on the television screen:

Language	**Video**	Audio	More Aud	Parental
TV Format	**4:3 LB**			
TV System	Auto			
Video-Output	RGB			

3 The menu sub-item "TV Format" is the first to be automatically selected.

Setting the screen format

4 Press the "OK" button once. The available options for the sub-item "TV Format" will then be displayed:

4:3 LB

Screen format 4:3 "Letterbox": The top and bottom picture edges have a black bar when films in the 16:9 format are shown.

4:3 PS

Screen format 4:3 "Pan & Scan": To make the best possible use of the screen's height the right and left picture edges are clipped off when films in the 16:9 format are shown.

16:9

Widescreen format 16:9: Films in the 16:9 format are shown in their full size with 16:9 (1.78:1) widescreen televisions without any black bars at the top and bottom edges of the picture and without clipping the left and right picture edges.

5 Select the required screen format with the control buttons △ and ▽ confirm by pressing the "OK" button once.

Please note:

The correct setting depends on the television with which the DVD Player is to be connected. If you are not sure which screen format your television can present, then please refer to the operating instructions for the given television.

Setting the television standard

6 Press the control button ▽ once to select the menu sub-item "TV System".

7 Press the "OK" button once. The available operations for the sub-item "TV System" will then be displayed:

Auto

The standard in which the DVD/VCD/S-VCD was recorded is automatically selected in this setting. **Only set "Auto" if the DVD Player is connected to a multi-standard television!**

PAL

DVDs/VCDs/S-VCDs recorded in the PAL standard are played in this setting. DVDs/VCDs/S-VCDs recorded in NTSC standard are automatically converted so that they can be played in the PAL format. Set "PAL" if the DVD Player is connected to a PAL television.

NTSC

DVDs/VCDs/S-VCDs recorded in the NTSC standard are played in this setting. DVDs/VCDs/S-VCDs recorded in the PAL standard are automatically converted so that they can be played in the NTSC format. Set "NTSC" if the DVD Player is connected to an NTSC television.

8 Select the appropriate television standard with the control buttons △ and ▽ confirm by pressing the "OK" button once.

Please note:

The correct setting depends upon the television with which the DVD Player is to be connected. Most televisions will conform with the television standard in your country except if the television was purchased abroad.

If you are not sure which is the customary television standard in your country, then refer to the operating

IB_KH6777_EN 17 23.09.2003, 0:56 Uhr

instructions for the given television, or turn to the Glossary in the instructions to find the explanation under the headword "Television Standard".

➧ ***For this subject please refer to Chapter 19. "Glossary/ Index".***

Setting Video Output

9 Press the control button ▽ once to select the menu sub-item "Video Output"

10 Conform by pressing the "OK" button once. The available options for the sub-item "Video Output" will now be displayed:

RGB

Setting to connect the DVD Player to an RGB-capable television with a 21-pin SCART cable

S-Video

Setting to connect the DVD-Player via S-Video

YUV

Setting to connect the DVD-Player via component signal

YPbPr

Setting to connect the DVD-Player via component signal YPbPr (Progressive Scan)

Warning!

In the event that the wrong video output is set – e.g. "YpbPr" although the television is not Scan-capable – then the television screen may suddenly turn black.

This is not a defect of the television or DVD Player!

In such an event …

- **Press once the "Stop" ■ button on the front panel of the DVD Player or on the remote control and**
- **then continue pressing the "Video Out" button on the remote control until the picture reappears on the television screen.**

11 Then select with the control buttons △ and ▽ the setting for the video output that matches the connection of the DVD Player with the television.

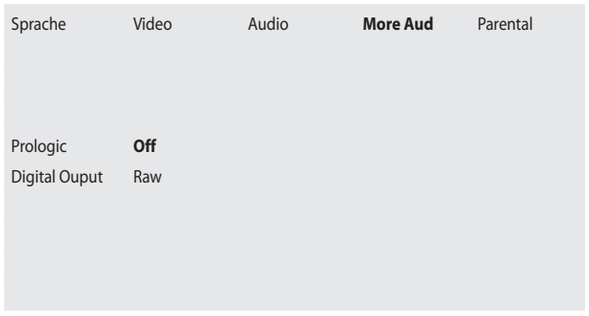
12 Confirm the selection by pressing the "OK" button once, thereby concluding the video setting procedure.

13 Press the control button △ three times to return to the OSD menu bar.

11.4. Audio settings

1 Press the control button ▷ twice to select the "More Aud" menu item.

2 The "More Aud" menu with the following sub-items and the current settings for each sub-item will now be displayed on the television screen:



Setting Prologic

3 The "Prologic" menu sub-item is the first to be automatically selected. Press the "OK" button once. The available options for the "Prologic" sub-item will be displayed on the television screen:

Off

Set "Off" if an amplifier, receiver or HiFi system not compatible with Dolby Prologic is connected to the analog stereo output ("FL" and "FR" chinch sockets) of the DVD Player

On

Set "On" when an amplifier, receiver or HiFi system compatible with Dolby Prologic is connected to the analog stereo output (via chinch cable in the "FL" and "FR" chinch sockets) of the DVD Player, as described in the Chapter "Connecting a HiFi System". In this instance it will be additionally necessary to set "Stereo Downmix" in the speaker settings.

➧ ***For this subject please refer to Chapter 11.4. "Audio Settings: Setting Speaker Sizes – Stereo-Downmix".***

4 Select with the control buttons △ and ▽ between the options "On" and "Off". Confirm the choice by pressing the "OK" button once.

Setting Digital Output

5 Press the control button ▽ once to select the menu sub-item "Digital Output". Press the "OK" button once to

IB_KH6777_EN 18 23.09.2003, 0:56 Uhr

confirm. The options available for the sub-item "Digital Output" will be displayed on the television screen:

Raw

Set "Raw" if a multi-channel, digital audio component – e.g. a Dolby Digital or DTS receiver, or a 5.1-channel surround-sound system – is connected to the DVD Player via an optical or coaxial cable.

PCM

Set "PCM" if two-channel digital audio components are connected to the DVD Player via a coaxial cable.

Off

Set "Off" if no digital audio components have been connected to the DVD Player.

6 Select with the control buttons △ and ▽ between the options "Raw", "PCM" and "Off". Press the "OK" button once to confirm the choice.

7 Press the control button △ three times to return to the OSD menu bar, and then press the "Setup" button once to fade out the OSD menu.

Speaker settings

For an optimal sound experience it is necessary to adapt sound reproduction to …

- The connected audio components
- The spatial conditions at the point of installation of the DVD Player/audio components, and
- Your personal preferences.

Please note:

The subsequent steps are only related to the connection of a DVD Player to an audio component via analog cables.

If you have opted for a digital connection …

- **Connection via a coaxial cable, or**
- **Connection via an optical cable**

… then the subsequently described speaker settings do not have to be adjusted on the DVD Player, but rather on the given audio component. Please refer to the operating instructions for the given audio component to find out how the settings are adjusted on the given component.

Setting speaker sizes

Before changing the speaker settings:

Stereo-Downmix

The speakers have been works adjusted to the so-called "Stereo-Downmix" setting:

Language	Video	**Audio**	More Aud	Parental
	Size	Distance	Level	
Front	Large			
Center	Off			
Rear	Off			
Subwoofer	Off			

If you have …

- connected a DVD Player to a stereo television and not connected any audio components to the DVD Player, or
- connected a Dolby Prologic-compatible amplifier, receiver or such a HiFi system to the stereo output of the DVD Player (via chinch cable to the "FL" and "FR" chinch sockets), as described in the Chapter "Connecting a HiFi Symstem", ...

... then do not change the works-adjusted Stereo-Downmix settings!

Otherwise, if the settings are changed the sound when playing DVDs, VCDs/S-VCDs, Audio- and MP3-CDs will not be audible or only very quiet!

Proceed in the following manner to adjust speaker settings when the DVD Player is connected to an audio component with an analog cable …

1 In the event that a disc loaded in the DVD Player is being played, then terminate playback by pressing the "Stop" ■ button on the front of the DVD Player or on the remote control.

2 Call the OSD menu of the DVD Player by pressing the "Setup" button on the remote control once. The OSD menu with its menu items is displayed on the television screen:

IB_KH6777_EN 19 23.09.2003, 0:56 Uhr

Language	Video	Audio	More Aud	Parental

3 First select the "Language" menu item. Then select the "Audio" menu item by pressing the control button ▶ on the remote control twice.

4 Confirm the choice by pressing the "OK" button on the remote control once. The Audio menu with the following sub-items is then displayed on the television screen:

Language	Video	**Audio**	More Aud	Parental
	Size	Distance	Level	

5 The "Size" menu item is the first to be automatically selected. The options for the "Size" sub-item are then displayed on the television screen:

Language	Video	**Audio**	More Aud	Parental
	Size	Distance	Level	
Front	**Large**			
Center	Off			
Rear	Off			
Subwoofer	Off			

6 Select the "Front" option for the front audio channels of the audio component by pressing the control ▽ button once.

7 Press the "OK" button to select between the available settings:

- "Large" when large speakers for the front audio channels are connected to the audio components

or

- "Small" when small speakers for the front audio channels are connected to the audio components.

After having selected a setting for "Front":

8 Select the "Center" option for the center speaker channel of the audio component by pressing the control button ▽ once.

9 Press the "OK" button to select from the available settings:

- "Large" if a large center speaker is connected to the audio component.

Please note:

After having selected "Small" in the "Front" option, it is then no longer possible to select the "Large" setting for the center speaker.

- "Small" when a small center speaker is connected to the audio component.
- Off" to turn off the audio channel for the center speaker or if you do not want to connect a center speaker to the audio component.

Having selected a setting for "Center", proceed in the following manner:

10 Select the "Rear" option for the rear audio channels of audio components by pressing the control button ▽ once.

11 Press the "OK" button once to select from the available settings:

- "Large" if large rear speakers have been connected to the audio component.

Please note:

If the "Small" setting is selected in the "Front" option, then the "Large" setting for the rear speakers can no longer be selected.

- "Small" when small rear speakers are connected to the audio component.
- "Off" it you want to turn off the audio channels for the rear speakers or when no speakers are connected to the audio component.

Having selected a setting for "Rear", proceed in the following manner:

12 Select the "Subwoofer" option for the subwoofer channel of the audio component by pressing the control button ▽ once.

13 Press the "OK" button to select between the available settings:

IB_KH6777_EN 20 23.09.2003, 0:56 Uhr

- "On" if a subwoofer is connected to the audio component.
- "Off" to turn off the audio channel for the subwoofer or when no subwoofer has been connected to the audio component.

Please note:

If you have selected the "Small" setting in the "Front" option, then the "Off" setting cannot be selected for the subwoofer.

If you have selected the "Off" setting for the subwoofer, then "Large" is automatically selected in the "Center" option.

If the "Off" setting has been selected for the "Center", "Rear" and "Subwoofer" options, then sound is only reproduced by two channels (stereo). This equals the works setting for Stereo-Downmix.

Having selected for "Subwoofer", thereby concluding all settings in the "Size" menu sub-item, proceed in the following manner:

14 Leave the "Size" menu sub-items by pressing the control button △ four times.

Setting the speaker distance in relation to the listening point

15 Select the "Distance" menu sub-item by pressing the control button ▷ once. The options to the "Distance" sub-item will then be displayed on the television screen:

Language	Video	**Audio**	More Aud	Parental
	Size	**Distance**	Level	
Front left		2,1 M/7 Ft		
Front right		2,1 M/7 Ft		
Center		2,1 M/7 Ft		
Rear left		2,1 M/7 Ft		
Rear right		2,1 M/7 Ft		

16 Select the "Front left" option for the front audio channels for the front left speaker of the audio component by pressing the control button ▽ once.

17 Press the "OK" button to set the distance of the front left speaker to the point of hearing in increments of 0.3 meter/1 ft. Each depression of the "OK" button increases the distance between the speaker and the point of listening. The maximum selectable distance if 5.4 meters/18 ft.

If the "OK" button is pressed once again at 5.4 meters/18 ft, then the display is returned to the minimum selectable distance setting of 0.3 meters/1 ft.

Info:

Every increase of the distance setting in 0.3-meter increments equals a delay of one millisecond. When optimally set, the sound from all directions will reach the point of hearing at the same time.

Having selected a setting for "Front left", proceed in the-following manner:

18 Select one after the other the options "Front right", "Center", "Rear left" and "Rear right" with the control button ▽; select with each option the distance between the speaker and the point of hearing with the "OK" button.

Info:

The distance of the subwoofer in relation to the point of listening cannot be set because the human ear is unable to locate spatially (in stereo) the lower frequencies reproduced by the subwoofer, thus making the distance setting in relation to the point of listening superfluous.

19 After having selected a setting for "Rear right", thereby concluding all settings in the "Distance" menu sub-item, leave the "Distance" menu sub-item by pressing the control button △ five times.

Setting the sound level of the speakers

20 Select the "Level" menu sub-item by pressing the control button ▷ once. The options for "Distance" menu sub-item will then be displayed on the television screen:

Language	Video	**Audio**	More Aud	Parental
	Size	Distance	**Level**	
Front left			0 dB	
Front right			0 dB	
Center			0 dB	
Rear left			0 dB	
Rear right			0 dB	
Subwoofer			0 dB	

21 Select the "Front left" option for the front left speaker of the audio component by pressing the control ▽ button once.

22 Press the "OK" button to adjust the sound level of the front left speaker in 1-dB increments between 6 dB and –6 dB. The sound level changes with each depression of the "OK" button.

IB_KH6777_EN 21 23.09.2003, 0:56 Uhr

If the "OK" button is depressed once again at –6 dB, then the maximum selectable sound level of 6 dB will once again be displayed.

Having selected the setting for "Front left", proceed in the following manner:

23 Select one after the other the "Front right", "Center", "Rear left", "Rear right" and "Subwoofer" options with the control button ▽ ; select the required sound level for each option with the "OK" button.

Please note:

If you are not sure which setting is right for you, then carry out this setting from your point of listening while playing a DVD/VCD/S-VCD. Try out all settings until you have found a sound pattern that you consider to be optimal.

5 After you have selected the setting for "Subwoofer", thereby concluding all settings in the "Level" menu sub-item, leave the "Level" menu sub-items by pressing the control button △ six times.

6 The speaker settings have now been completed. Press the "Setup" button once to fade out the OSD menu.

12. Starting the DVD Player

Having …

- set up the DVD Player at an appropriate point
- connected the DVD Player to the television (or video projector) with one of the listed connecting facilities
- connected the DVD Player (if required) to an HiFi or surround-sound system or a Dolby Digital or DTS Receiver
- ensured that the remote control is operational by loading the batteries
- and know how to call and operate the settings menu with the remote control

... then the DVD-Player will be ready to operate

IB_KH6777_EN 22 23.09.2003, 0:56 Uhr

Playing DVDs, VCDs or S-VCDs

IB_KH6777_EN 23 23.09.2003, 0:56 Uhr

13. Playing DVDs, VCDs or S-VCDs

Proceed in the following manner to play a DVD/VCD/S-VCD on the DVD Player …

1 Switch on the television to which the DVD Player is connected.

2 Ensure that the DVD Player has been switched on and is ready to operate.

If the television, the DVD Player and any other units that may be connected (e.g. surround-sound system) are operational and the DVD Player has been correctly connected wto the television, "eBench" and the "DVDVideo" logo will be displayed on the television screen:

"NoDisc" is faded in on the television screen and on the display on the front side of the DVD Player if no disc has been loaded in the disc drawer of the DVD Player.

3 Open the disc drawer on the front of the DVD Player by pressing once the "Open/Close" ⏏ button on the front of the DVD Player or on the remote control. "Open" then appears on the display on the front of the DVD Player and on the television screen.

4 Load a DVD/VCD/S-VCD with label side facing upwards in the disc drawer.

Please note:

DVDs, VCDs and S-VCDs that are to be played on the DVD Player may have a country code printed on the DVD sleeve. The DVD Player can only play DVDs/VCDs/S-VCDs with the Country Code 2.

If no country code is printed on the sleeve of a DVD/VCD/S-VCD …

- **but rather the symbol ALL, then the DVD/VCD/SVCD can be played on the DVD Player, or**
- **the given DVD/VCD/S-VCD cannot by played on the DVD Player. To check, simply by trying to play the DVD.**

5 Press the "Open/Close" ⏏ button on the front of the DVD Player or on the remote control once again to close the disc drawer. "Close" will be indicated on the display on the front of the DVD Player and on the television screen while the disc drawer is closing.

6 The contents of the DVD/VCD/S-VCD are now loaded; this can take several seconds. In the meantime "Load" will be flashing on the display on the front of the DVD Player, and "Load" is displayed on the television screen.

7 The loaded DVD/VCD/S-VCD starts automatically.

Depending upon the loaded DVD/VCD/S-VCD, the film on the DVD may not be immediately played because an option may first appear on the television screen.

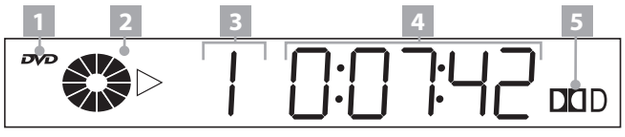
In such an event …

Select with the control buttons ▲▼◀▶ on the remote control, the menu item with which film playing is started.

8 To start playback of the film …

- Press the "OK" button on the remote control once
  or
- Press the "Play" ▶ button on the front of the DVD Player or on the remote control once.

"Play" is briefly displayed on the television screen, and the display on the front of the DVD Player indicates the following:



1 The DVD video symbol DVD when a DVD has been loaded or, when a VCD/S-VCD is loaded: "VCD" or "S-VCD"

IB_KH6777_EN 24 23.09.2003, 0:56 Uhr

2 The symbols and ▶ for the play mode

3 The number of the currently playing title

4 The time hitherto played of the current DVD/VCD/S-VCD in hours, minutes and seconds

5 The current audio playback setting – in this example: Dolby Digital-Symbol (depending on the loaded DVD)

13.1. Functions while a DVD, VCD or S-VCD is being played

The following functions of the DVD Player can be used while a DVD/VCD/S-VCD is being played …

Stopping playback (Pause)

To stop playback of the film on the loaded DVD/VCD/S-VCD …

1 Press the "Pause/Step" button on the front of the DVD Player or on the remote control once during playback. "❚❚" will flash on the display on the front of the DVD Player, and "❚❚" will be displayed on the television screen.

A still frame of the chapter that has just been stopped will be displayed on the television screen.

2 To continue film playback press the "Play" ▷ button once.

Terminating playback (Stop)

To terminate playback of the film on the loaded DVD/VCD/S-VCD press the "Stop" ■ button on the front of the DVD Player or on the remote control once.

... with Resume Function

If you have terminated playback of the film on the loaded DVD/VCD/S-VCD by pressing the "Stop" ■ button once, the DVD Player automatically stores the point at which play was stopped. This is known as the "Resume Function". "Stop [Play to Continue] is displayed on the television screen. As soon as the "Play" ▷ button on the front of the DVD Player or on the remote control is depressed once again, playback of the film from the stored point is continued.

... without Resume Function

Press the "Stop" ■ button a second time to terminated playback of the film on the loaded DVD/VCD/S-VCD. The stored place at which playback was stopped is then deleted. When the "Play" ▷ button is pressed once again, playback starts at the beginning of the film.

Calling DVD-Menu (Menu)

Please note:

This function may not be available on all DVDs! The symbol ⊘ is shown in the television screen when an attempt is made to carry out a function that is not available.

With many films on DVD there is a main menu on the disc, which, in addition to the option of playing the main film, enables for example …

- Selecting the language of subtitles and film sound
- Direct selection of film chapters
- Playback of bonus material relating to the film (background information, "Making of", etc.)

In the event that there is such a menu on the DVD loaded in the DVD Player, then this menu can be called by pressing the "Menu" button while the film is being played.

To select the individual menu items press the control buttons △▽◁▷ on the remote control; to confirm the selected menu item press …

- Once the "Play" ▷ button on the front of the DVD Player or on the remote control

or

- Once the "OK" button on the remote control.

To return to film playback select the menu items that starts film play and press …

- Once the "Play" ▷ button on the front of the DVD Player, or on the remote control

or

- Once the "OK" button on the remote control.

Please note:

If film payback has been terminated by pressing the "Stop" ■ button once (Play Stop with Resume Function), or by pressing the "Stop" ■ button twice (Play Stop without Resume Function), then the main menu on the disc cannot be called.

Playback Control (PBC) with VCDs/S-VCDs

Some VCDs/S-VCDs feature Playback Control ("PBC"). Playback Control defines the main menu via which different functions of the VCD/S-VCD can be operated.

IB_KH6777_EN 25 23.09.2003, 0:56 Uhr

If the VCD/S-VCD loaded in the DVD-Player features PBC, then it must be activated so that the menu can be faded in.

Proceed in the following manner to activate PBC …

1 Press during playback, or when playback has been stopped, the "Mode" button on the remote control once. The "Playback Mode" menu will then be faded in on the television screen:

Play Mode	
Mode	**Off**
Playback	Off

2 The "Mode" menu item is the first to be automatically selected. Press the "Ok" button on the remote control to select between the "Off", "Shuffle" and "PBC" options. Set "PCB" and press the "Mode" button once again. The "Play Mode" will then be faded out so that PBC is now switched on.

Please note:

If PBC is switched on during playback, then playback may be stopped and resumed at the beginning.

2 To fade in the PBC main menu press during playback the "Return" button on the remote control once.

Jump to the beginning of the chapter (Skip)

▶ ***What are Title and Chapter? For this subject please refer to the Chapter 19. "Glossary/Index".***

Please note:

This function may not be available on all DVDs/VCDs/ S-VCDs! If you try to carry out a function that is not available, then the symbol ⊘ is displayed on the television screen.

Use the "Skip Forward" ⏭ or "Skip Back" ⏮ buttons on the front of the player while the film on the loaded DVD/VCD/S-VCD is being played …

- To jump forwards to the beginning of the next chapter, or
- To jump back to the previous chapter.

The selected chapter is instantly played without having to press the "Play" ▷ button. The number of the selected chapter is indicated on the display on the front of the DVD Player, to the left of the playing time.

Direct chapter selection

Instead of the control buttons △ and ▽ the chapters on the currently played DVD/VCD/S-VCD can also be directly selected by the following entry capabilities:

Enter the chapter number with the numeral buttons

Please note:

This function may not be available on all DVDs/VCDs/ S-VCDs! If you try to carry out a function that is not available, then the symbol ⊘ is displayed on the television screen.

The numeral buttons on the remote control can be used instead of the Skip function to directly enter the chapters within the film on the loaded DVD/VCD/S-VCD.

For this purpose proceed in the following manner …

1 During playback or stop mode, press on the remote control the corresponding numeral buttons for the chapter number – e.g. the "3" for the third chapter, or consecutively the "1" and "0" buttons for the tenth chapter. The entered numbers are displayed on the television screen.

1 Then press the "OK" button on the remote control. Playback of the chapter with the entered number then starts automatically.

Search function (Search)

Chapters on the loaded DVD/VCD/S-VCD can be selected during playback not only by way of the Skip function, or by direct selection via the numeral keys on the remote control, but also by the Search function:

Direct Chapter Selection by way of the search function (Search)

Please note:

This function may not be available on all DVDs/VCDs/ S-VCDs! If you try to carry out a function that is not available, then the symbol ⊘ is displayed on the television screen.

Entering the time position with the search function

Proceed in the following manner to select a chapter by entering its time position …

1 Press the "Search" key on the remote control once during playback of the loaded DVD/VCD/S-VCD. The "Search" menu is displayed on the television screen:

Search	
Time	--:--:--
Title/Chapter	---/---

2 The "Time" input field marked with "– – : – – : – –" is the first one to be automatically selected. Enter with the numeral

IB_KH6777_EN 26 23.09.2003, 0:56 Uhr

keys 0 to 9 the time position of the desired chapter in six digits in hours, minutes and seconds.

Example: To start playback 1 hour, 5 minutes and 30 seconds after the beginning of the film, press one after the other the numeral keys …

- „0“,„1“ for 1 hours;
- „0“,„5“ for 5 minutes;
- „3“,„0“ for 30 seconds

Press the “OK” key once to start playback at the selected point.

Entering the chapter number with the search function

Proceed in the following manner to select a chapter by entering the title and chapter number …

1 Press the “Search” key on the remote control once during playback of the loaded DVD/VCD/S-VCD. The “Search” menu is displayed on the television screen:

2 Press the control key ▽ once to select the input field marked with “– – –/ – – –“ of the “Title/Chapter” option. Enter with the numeral keys 0 to 9 of the remote control the title number (three digits) on the left-hand side of the slash, and the chapter number (3 digits) on the right-hand side.

Search	
Time	--:--:--
Title/Chapter	---/---

Example: To start title 01 of chapter 08 press the numeral keys “0“, “0“, “1“ and “0“, “0“, “8“ one after the other

Then press the “OK” key once to start playback at the selected point.

If you wish to delete a position in the input fields, then select the position to be deleted with the control keys △▽◁▷ and press once the “CLR” key on the remote control. The display is then returned to “– –“.

Fast Search Forward/Rewind

Proceed in the following manner to select in Fast Search certain passages within the film on the loaded DVD/VCD/S-VCD …

1 For Fast Search Forward press during playback the “F.Fwd” ⏩ button …

- Twice for double the search speed; “⏩ x2” is displayed on the television screen.
- Three times for four-fold search speed; “⏩ x4” is displayed on the television screen.
- Four times for eight-fold search speed; “⏩ x8” is displayedon the television screen.
- Five times for twenty-fold search speed; “⏩ x20” is displayed on the television screen.

2 For Fast Search Rewind press the “F.Rwd” ⏪ button during playback …

- Twice for double the search speed; “⏪ x2” is displayed on the television screen.
- Three times for four-fold search speed; “⏪ x4” is displayed on the television screen.
- Four times for eight-fold search speed; “⏪ x8” is displayed on the television screen.
- Five times for twenty-fold search speed; “⏪ x20” is displayed on the television screen.

Please note:

Sound is not reproduced during Fast Search.

3 To continue film playback at the selected point at normal speed, press during Fast Search Forward/Return the “Play” ▷ button on the front of the DVD Player or on the remote control once. “Play” ▶ is once again displayed on the television screen.

Slow Play Forward/Return (Slow Motion)

Proceed in the following manner for slow playback of the film on the loaded DVD/VCD/S-VCD …

1 For slow play forward press “Slow F” button during playback …

- Once for half the playback speed (compared to normal playback speed); “▶ 1/2” is displayed on the television screen.
- Twice for one-fourth of the playback speed; “▶ 1/4” is displayed on the television screen.
- Three times for one sixth of the playback speed; “1/6” is displayed on the television screen.
- Four times for one seventh of the playback speed; “1/7” is displayed on the television screen.

For **slow playback Return** press the “Slow R” button during playback…

- Once for half the playback speed; "◀ 1/2" is displayed on the television screen.
- Twice for one-fourth of the playback speed; "◀ 1/4" is displayed on the television screen.
- Three times for one sixth of the playback speed; "◀ 1/6" is displayed on the television screen.
- Four times for one seventh of the playback speed; "◀ 1/7" is displayed on the television screen.

Please note:

Sound is not reproduced during slow playback.

2 To continue film playback at the selected point in normal speed, press once the "Play" ▷ button on the front of the DVD Player or on the remote control "▶ Play" is once again displayed on the television screen.

Single Frame Forward (Step)

Please note:

This function may not be available on all DVDs/VCDs/ S-VCDs! If you try to carry out a function that is not available, then the symbol ⊘ is displayed on the television screen.

Proceed in the following manner to advance a film of a loaded DVD/VCD/S-VCD forward, frame-by-frame …

1 Press during play the "Pause/Step" ▮▮ button once to stop play. The still picture of the chapter stopped, is displayed on the television screen.

2 The still picture will then be advanced frame-by-frame each time the "Pause/Step" ▮▮ button is depressed.

3 To return to film play press once the "Play" ▷ button on the front of the DVD Player or on the remote control.

Enlarging the picture (Zoom)

Please note:

This function may not be available on all DVDs/VCDs/ S-VCDs! If you try to carry out a function that is not available, then the symbol ⊘ is displayed on the television screen.

While the film on the loaded DVD/VCD/S-VCD is being played it is possible to enlarge the picture on the television screen in three stages by pressing on the "Zoom" button on the remote control …

- Once for the first enlargement stage; "🔍1" is displayed on the television screen.
- Twice for the second enlargement stage: "🔍2" is displayed on the television screen.
- Three times for the third enlargement stage; "🔍3" is displayed on the television screen.

To turn off the zoom function and return to a normal picture size, press the "Zoom" button a fourth time; "🔍 Off" is displayed on the television screen.

Changing the camera angle (Angle)

Please note:

This function may not be available on all DVDs/VCDs/ S-VCDs! If you try to carry out a function that is not available, then the symbol ⊘ is displayed on the television screen.

Some films on DVD/VCD/S-VCD contain chapters which were shot at different camera angles. When films contain such chapters then the same chapter can be watched from different angles.

Press the "Angle" button on the remote control while the film of the loaded DVD/VCD/S-VCD is being played; the angle is changed each time the "Angle" button is depressed.

Subtitle fade-in/fade-out

Please note:

This function may not be available on all DVDs/VCDs/ S-VCDs! If you try to carry out a function that is not available, then the symbol ⊘ is displayed on the television screen.

If the film of the loaded DVD/VCD/S-VCD has subtitles, then these can be displayed on the television screen by pressing the "Subtitle" button on the remote control.

The subtitles will be displayed in the first available language on the television screen when the "Subtitle" button is depressed for the first time. The available languages are faded in one after the other on the television screen each time the "Subtitle" button is pressed.

"💬" is displayed on the screen, together with the number of the currently faded-in language (e.g. "1/10" for the first of ten subtitle languages).

When the last of the available subtitle languages has been faded-in (e.g. "10/10" for the tenth of ten available subtitle languages), then the subtitle function can be turned off by depressing the "Subtitle" button on the remote control once again; "💬 Off" is displayed on the television screen.

➧ ***For this subject please also refer to Chapter 13.1 "Subtitle fade-in/fade-out".***

IB_KH6777_EN 28 23.09.2003, 0:56 Uhr

Changing the playback language

Please note:

This function may not be available on all DVDs/VCDs/S-VCDs! If you try to carry out a function that is not available, then the symbol ⊘ is displayed on the television screen.

With some films on a DVD/VCD/S-VCD it is possible to select another playback language by depressing the "Audio" button on the remote control.

The first available playback language is turned on when the "Audio" button is depressed for the first time. The available playback languages are set one after the other each time the "Audio" button is pressed. The playback language that has been selected is displayed on the television screen.

Programmed playback (Program)

Please note:

This function may not be available on all DVDs/VCDs/S-VCDs! If you try to carry out a function that is not available, then the symbol ⊘ is displayed on the television screen.

You can compile your own film program with the "Program" function by selecting certain chapters of the loaded DVD/VCD/S-VCD for playback. Moreover, you can determine the sequence in which the individual chapters are to be played. A maximum of twelve chapters can be compiled for programmed playback.

Proceed in the following manner for programmed playback …

1 Press the "PRG" button on the remote control once while a film is being played or when playback has been terminated. The program menu is displayed on the television screen:

Program	Input	Title/Chapter		
1	– –	4 – –	7 – –	10 – –
2	– –	5 – –	8 – –	11 – –
3	– –	6 – –	9 – –	12 – –
Play program		Clear all		

Each of the faded-in numbers from 1 to 12 stands for an available program storage place for a chapter. Enter the following after the faded-in numbers …

- In the first input field marked with "– –": the title number under which the chapter that is to be programmed is stored on the loaded DVD/VCD/S-VCD

and

- In the second input field marked with "– –": the number under which the chapter that is to be programmed is stored on the loaded DVD/VCD/S-VCD.

➧ ***What are title and chapter? For this subject please refer to Chapter 19. "Glossary/Index"***

2 Use the control buttons △▽◁▷ on the remote control to change between the program storage places 1 to 12, and between the input fields marked with "– –". Enter the title and chapter numbers in the input fields with the numeral buttons 0 to 9 on the remote control. All entered title and chapter numbers must consist of 2 digits.

3 To delete an entry in an input field select with the control buttons △▽◁▷ the corresponding input field and press the "CLR" button once. The display is returned to "– –".

To delete the entries in all input fields select with the control buttons △▽◁▷ the option "Delete Everything" under the input fields, and press the "OK" button once.

4 When you have programmed the required chapters, select with the control buttons △▽◁▷ the option "Prog. Store" under the input fields, and press the "OK" button once. Programmed playback will then commence with the chapter entered in the program storage place 1.

5 By pressing within the programmed chapters the buttons "Skip" ⏭ and "Skip" ⏮ on the front of the DVD Player or on the remote control, you can advance to the beginning of the next chapter, or jump back to the beginning of the previous chapter.

6 To delete programmed playback press the "Stop" ■ button on the front of the DVD Player or on the remote control twice during playback.

Please note:

If you are not sure of the number of a title or chapter that is to be programmed, then select the corresponding chapter during film playback by pressing the "Skip" ⏭ /"Skip" ⏮ button, and then press the "Display" button on the remote control twice, to fade in all information relating to the loaded DVD/VCDS-VCD on the television screen. This is also where you will find, among other things, the current title and chapter number.

➧ ***For this subject please refer to Chapter 13.1 "Fade-in Disc Information".***

Programming example

You would like to enter the numbers 03 and 10 of a film on a DVD/VCD/S-VCD for programmed playback; the main film in this example has the title number one:

IB_KH6777_EN 29 23.09.2003, 0:56 Uhr

1 In the program menu the first entry field under storage place 1 is automatically marked. Press, one after the other, the "0" button and "1" button to enter the title number 01.

2 Press the control button ▶ once to change to the second entry field under program storage place 1.

3 Press once, one after the other, the "0" button, and once the "3" button, to entre the chapter with the number 03.

4 Then select with the control buttons △▽◁▶ the first input field under program storage place 2.

5 Press, one after the other, the "0" button and the "1" button to entre the title number 01.

6 Press once the control button to change to the second input field under program storage place 2.

7 Then press, one after the other, the "1" and "0" buttons to entre the chapter with the number 10.

8 Having programmed the two required chapters, select with the control buttons △▽◁▶ the "Prog. storage" option under the input fields. Press the "OK" button once to start playback of the programmed chapters.

Fade-in disc information

Please note:

This function may not be available on all DVDs/VCDs/S-VCDs! If you try to carry out a function that is not available, then the symbol ⊘ is displayed on the television screen.

With this function you can fade-in all available information relating to a DVD/VCD/S-VCD loaded in the DVD Player during playback on the television screen.

For this purpose proceed in the following manner …

1 Press during playback the "Display" button on the remote control once. The following will be faded in on the television screen:

- Top left: The already played time of the currently playing DVD/VCD/S-VCD in hours, minutes and seconds.
- Top right: The remaining time until the end of the currently playing chapter in hours, seconds and minutes.

2 Press the "Display" button a second time to display the following on the television screen:

- The already played time of the currently playing DVD in hours, minutes and seconds.
- The remaining time until the end of the currently playing chapter in hours, seconds and minutes
- The type of loaded disc (DVD, VCD/S-VCD)
- The current title number/the total number of titles
- The current chapter number/the total number of chapters
- The currently selected camera angle/the number of currently available camera angles
- The currently set playback language
- The currently selected subtitle setting

3 To fade-out the disc information press the "Display" key once again.

Switching on different play modes

Please note:

This function may not be available on all DVDs/VCDs/S-VCDs! If you try to carry out a function that is not available, then the symbol ⊘ is displayed on the television screen.

The following play modes can be switched on during playback of a DVD/VCD/S-VCD:

Random Playback

When the random mode is switched on the chapters on the loaded DVD will be played in a random order.

Proceed in the following manner to switch on random playback …

1 Press the "Mode" key on the remote control once during playback. The "Play Mode" menu will then be displayed on the television screen:

Play Mode	
Mode	**Off**
Repeat	Off

2 The "Mode" menu item is the first one to be automatically selected.

Press the "OK" key to select between the two options "Off" and "Shuffle" (in addition, with VCDs/S-VCDs you can select the "PBC" option). Select "Shuffle" and press the "Mode" key once again. The "Play Mode" menu is faded out and the shuffle function is switched on.

3 To turn off the shuffle function press the "Mode key during playback and select in the "Play Mode" menu, under the "Mode" menu item the "Off" option by pressing the

IB_KH6777_EN 30 23.09.2003, 0:56 Uhr

"OK" key. Press the "Mode" key once again to switch off the shuffle function.

Repeat play

The "Repeat Playback" function …

... **with DVDs** either titles or chapters of the loaded DVD can be repeated.

... **with VCDs/S-VCDs** either individual titles or the entire VCD/SVCD can be repeated.

Proceed in the following manner to switch on repeat play …

1 Press once during playback the "Mode" key on the remote control. The "Play Mode" menu will be displayed on the television screen:

2 Press the control key ▽ once to select the "Repeat" menu item:

Play Mode	
Mode	Off
Repeat	**Off**

With DVDs: Press the "OK" button to choose between the options "Chapter", "Title" and "Off".

- Select "Title" to keep on repeating the currently played title – on most DVDs this will be the entire film – until repeat play is switched off or play is terminated by pressing the "Stop" ■ key twice.
- Select "Chapter" to keep on repeating the currently played chapter until repeat play is switched off or play is terminated by pressing the "Stop" ■ key twice.

With VCDs/S-VCDs: By pressing the "Ok" button you can select between the "Off", Single" and "All" options.

- Select "Single" to continue repeating the currently played title on the VCD/S-VCD until repeat playback is switched off or playback is terminated by pressing the "Stop" ■ button twice.
- Select "All" to continue repeating the entire VCD/S-VCD until until repeat playback is switched off or playback is switched off by pressing the "Stop" ■ button twice.

3 To switch off repeat play, press the "Mode" key during playback and select in the "Play Mode" menu under the "Repeat" menu item to "Off" option by pressing the "OK" key. Repeat play is switched off when the "Mode" key is depressed once again.

Repeating sequences (A – B)

Any sequence within a chapter of the currently loaded DVD/ VCD/S-VCD can be repeatedly played with this function.

Proceed in the following manner …

1 Press during playback the "A-B" key on the remote control as soon as the desired beginning of the sequence is played; "Rep A –" will be displayed on the television screen.

2 Press once again the "A – B" key as soon as the end of the desired sequence is reached. Ensure that the start and end of a sequence is within a chapter.

Repeat playback of the selected sequence starts immediately without having to press the "Play" ▷ key. The sequence will continue to be played until the "A – B" key is pressed once again to switch off the function. "Rep Off" will then be displayed on the television screen.

Bookmark function

So-called "bookmarks" can be set while a DVD/VCD/S-VCD is being played so that selected passages in a film can be viewed once again later on. Up to three bookmarks can be set.

Proceed in the following manner …

1 Press once, while a film is being played, the "Mark" key on the remote control. The following will then appear on the television screen:

Bookmark 1	--:--:--
Bookmark 2	--:--:--
Bookmark 3	--:--:--

2 As soon as the chapter is reached where a bookmark is to be set, press the "OK" key on the remote control. The precise time position of this chapter within the film will then be shown in hours, minutes and seconds under "Bookmark 1".

3 To set another bookmark, press the control key ▽ once to select "Bookmark 2" displayed on the television screen. Press the "OK" key once again as soon as the chapter is reached where a second bookmark is to be set.

4 Proceed in such a manner to set a third bookmark. Having set all the desired bookmarks, press the "Mark" key once again to fade out the selected bookmarks on the television screen.

5 Later, if you wish to skip to the chapter in which a bookmark has been set, then simply press the "Mark" key once again.

IB_KH6777_EN 31 23.09.2003, 0:56 Uhr

6 Select the desired bookmark with the control keys △ and ▽.

7 Confirm the choice by pressing the "OK" key once. Playback of the selected chapter now commences automatically.

IB_KH6777_EN 32 23.09.2003, 0:56 Uhr

Playing audio-CDs

IB_KH6777_EN 33 23.09.2003, 0:56 Uhr

14. Playing audio-CDs

Proceed in the following manner to play audio-CDs on the DVD Player …

1 Switch on the television to which the DVD Player is connected.

2 Ensure that the DVD Player has been switched on and is ready for operation.

If the television, the DVD Player and other units that may be connected (e.g. an audio unit) ,are all switched on and operational, "eBench" and the "DVD-Video" logo will appear on the television screen:

"NoDisc" will appear on the television screen and on the display on the front of the DVD Player if there is no disc in the disc drawer of the DVD Player.

3 Open the disc draw on the front of the DVD Player by pressing the "Open/Close" ⏏ button once on the front panel of the DVD Player, or on the remote control. "Open" will then appear on the display on the front of the DVD Player and on the television screen.

4 Place an audio-CD, label facing upwards, in the disc drawer.

5 Press once again the "Open/Close" ⏏ button on the front of the DVD Player or on the remote control to close the disc drawer. "Close" will then appear on the display on the front of the DVD Player and on the television screen while the disc drawer is closing.

6 The contents of the audio-CD will then be loaded; this will take several seconds. "Load" will flash on the display on the front of the DVD Player, and "Loading" will be displayed on the television screen.

7 As soon as the contents of the inserted audio-CD has been loaded, the display on the front of the DVD Player will briefly indicate the following …

- The total number of titles on the loaded audio-CD
- The total playing time of the titles on the loaded audio-CD

8 Audio-CD playback then commences automatically. The following is faded in on the television screen …

1 "CD"

2 The symbols and ▶ for playback mode

3 The number of the currently played title

4 Time played hitherto in hours, minutes and seconds

14.1 Functions while playing an audio-CD

The following DVD Player functions can be used while an audio-CD is being played …

Stopping playback (Pause)

Proceed in the following manner to stop a title on the loaded audio-CD …

1 Press once the "Pause/Step" ⏸ button on the front of the DVD Player or on the remote control while the title is being played. "⏸" will flash on the display on the front of the DVD Player, and "⏸" will be displayed on the television screen.

2 Press the "Play" ▶ button once to continue playback of the title.

IB_KH6777_EN 34 23.09.2003, 0:56 Uhr

Ending playback (Stop)

To terminate playback of a title on the loaded audio-CD, press the "Stop" ■ button on the front of the DVD Player or on the remote control once.

... with Resume function

If playback of a title on the loaded audio-CD has been terminated by pressing the "Stop" ■ button once, then the DVD Player will automatically store the point at which playback was terminated ("Resume" function"). The television screen will display "Stop [Play to Continue]". As soon as the "Play" ▷ button on the front of the DVD Player or on the remote control is pressed again, playback of the title will be resumed from the point it was stopped.

... without Resume function

If playback of a title on the loaded audio-CD has been terminated by pressing the "Stop" ■ button once, pressing the "Stop" ■ button a second time will delete the stored point at which playback was interrupted. Consequently, when the "Play" ▷ button is pressed, playback will commence with the first title on the audio-CD.

Jumping to the beginning of a title (Skip)

Pressing the "Skip Forward" ⏭ and "Skip Back" ⏮ buttons on the front of the DVD Player while a title is being played will initiate the following functions …

• Advance to the beginning of the next title, or

• Return to the beginning of the preceding title.

The selected title is immediately played without having to press the "Play" ▷ button. The number of the selected title is indicated on the display on the front of the DVD Player to the left of the playing time.

Intro function (Disc Scan)

Each title on the loaded audio-CD is played in succession for a few seconds when the Disc Scan function is switch on. Playback ends with the last title on the audio-CD.

Proceed as follows to switch on the Disc Scan function …

1 Press the "Stop" ■ button on the front of the DVD Player or on the remote control once during playback of the audio-CD.

2 Then press the "Title" button on the remote control once. The Disc Scan function starts immediately with the first title on the audio-CD.

3 To turn off the Disc Scan function press the "Stop" ■ button once during playback.

Direct title selection

Instead of the "Skip Forward" ⏭ and "Skip Back" ⏮ buttons, titles can be directly selected on the audio-CD that is being played with the following input procedures:

Entering the title with the numeral buttons

Proceed as follows for direct title selection by entering the title number with the numeral buttons …

1 Press during title playback, or when playback has been stopped or terminated, the numeral buttons on the remote control that are equivalent to the title number – e.g. button "3" for the third title, or consecutively the buttons "1" and "0" for the tenth title. The entered numbers are indicated on the television screen.

2 Confirm by pressing the "OK" button on the remote control once. Playback of the title with the entered number starts immediately.

Search function

The Search function can be used to directly select certain titles, or passages of certain titles, on the loaded audio-CD:

Selecting passages of a title by way of the time position

Proceed as follows to select a certain passage of a given title by entering its time position …

1 Press the "Search" button on the remote control once while a title is being played or during stopped playback. The "Search" menu will be displayed on the television screen:

Track search	
Time	--:--:--

2 Enter the six-digit time position in hours, minutes and seconds in the "Time" input field marked with "– – : – – : – –".

Example: You wish to select a passage that commences one minute after the beginning of the title. Press, one after the other, the following numeral buttons …

- "0", "0" for 0 hours;
- "0", "1" for 1 minutes;
- "0", "0" for 0 seconds.

2 Press the "OK" key on the remote control once to start playback of the title at the selected time position.

IB_KH6777_EN 35 23.09.2003, 0:56 Uhr

Selecting titles by their time position

Proceed in the following manner to select titles on the audio-CD by entering its time position …

1 Press the "Search" button on the remote control twice during playback or stopped playback. The "Search" menu is displayed on the television screen:

Search	
Time	--:--:--
Track	---

2 Use the numeral keys 0 to 9 to enter in the "Time" input field marked with "– – : – – : – –" the six-digit time position, in hours, minutes and seconds, of the required title on the audio-CD.

2 Then press the "OK" button on the remote control once to start playback at the selected time position.

Selecting titles by title numbers

Instead of entering the title number by way of the numeral buttons on the remote control, the required title number can also be entered in the "Search" menu:

1 Press the "Search" button on the remote control twice during playback or stopped playback. The "Search" menu will be displayed on the television screen:

Search	
Time	--:--:--
Track	---

2 Press the control button ▽ once to select the input field marked with "– – –".

3 Use the numeral buttons 0 to 9 to enter the number of the required title on the audio-CD. One- two- and three-digit numbers can be entered.

4 Press the "OK" button on the remote control once to start playback of the track selected with the entered number.

Search in Fast Forward/Fast Rewind

Proceed in the following manner to select a certain passage within a title on the audio-CD by fast search …

1 For **fast forward search** press the "F.Fwd" ▷▷ button during playback …

- Twice for double the search speed; "▷▷ x2" is displayed on the television screen.
- Three times for the four-fold search speed; "▷▷ x4" is displayed on the television screen.
- Four times for the eight-fold search speed; "▷▷ x8" is displayed on the television screen.
- Five times for the twenty-fold search speed; "▷▷ x20" is displayed on the television screen.

For **fast search in rewind** press the "F.Rwd" ◁◁ button during playback …

- Twice for double the search speed; "◁◁ x2" is displayed on the television screen.
- Three times for the four-fold search speed; "◁◁ x4" is displayed on the television screen.
- Four times for the eight-fold search speed; "◁◁ x8" is displayed on the television screen.
- Five times for the twenty-fold search speed; "◁◁ x20" is displayed on the television screen.

Please note:

The current title can be heard at high playback speed during fast search.

2 To continue title playback in normal speed at any selected point, press the "Play" ▷ button on the front of the DVD Player or on the remote control once during fast forward/rewind search; "Play ▶" is displayed on the television screen.

Programmed playback (Program)

The "Program" function enables you to compile your own music program by selecting specific titles on the loaded audio-CD. Moreover, you can also decide the sequence in which the titles are to be played. A maximum of twelve tracks from an audio-CD can be compiled for programmed playback.

Proceed in the following manner for programmed playback …

1 Press the "PRG" button on the remote control once during playback or stopped playback. The program menu will be displayed on the television screen:

Program Input	Title/Chapter		
1 – –	4 – –	7 – –	10 – –
2 – –	5 – –	8 – –	11 – –
3 – –	6 – –	9 – –	12 – –
Play program	Clear all		

Each of the faded-in numbers from 1 to 12 stands for one of the available program storage places.

2 Use the control buttons △▽◁▷ on the remote control to alternate between the program storage places 1 to 12 marked with "– –". Enter the title numbers in the input

IB_KH6777_EN 36 23.09.2003, 0:57 Uhr

fields with the numeral buttons 0 to 9 on the remote control. One- two-digit and three-digit numbers can be entered.

3 To clear an entry in one of the input fields, select the corresponding input field with the control buttons △▽◁▷ and press the "CLR" button once. The display returns to "– –".

To clear the entries in all input fields, select the "Clear all" option underneath the input fields with the control buttons △▽◁▷, and then press the "OK" button once.

4 Having programmed all the required titles, select the "Play program" option under the input fields with the control buttons △▽◁▷, and then press the "OK" button once. Playback of the music program commences with the title of the audio-CD selected for program storage place 1.

5 Within the programmed titles it is possible to jump forward to the beginning of the next title, or back to the previous title, by pressing the "Skip" ⏭ or "Skip" ⏮ buttons on the front of the DVD Player.

6 To clear programmed playback press the "Stop" ■ button on the front of the DVD Player or remote control twice during playback.

Program example

You wish to select the third and tenth title of an audio-CD for programmed playback.

1 Press the "3" button once in the input field of the program storage place 1.

2 Press the control button ▽ once to select the input field of the program storage place 2.

3 Press the "1" and "0" buttons in succession in the input field of the program storage place 2.

4 Select the "Prog. Play" option with the control buttons △▽◁▷, then press the "OK" button to start playback of the programmed titles.

Fading-in CD information

In addition to the information displayed on the television screen …

- The played time of the currently played audio-CD
- The remaining time up to the end of the currently played title on the audio-CD

… press the "display" button on the remote control once during playback to fade in the number of the currently played title.

Switching on different Play Modes

The following Play Modes can be switched on during playback of an audio-CD:

Random playback

The titles on the loaded audio-CD are played in a random sequence when random playback is switched on in the following manner …

1 Press the "Mode" button on the remote control once during playback. The "Play Mode" menu is displayed on the television screen:

Play Mode	
Mode	**Off**
Repeat	Off

2 The "Mode" menu item is the first to be automatically selected. Press the "OK" button on the remote control to selected between the two options "Off" and "Shuffle". Set "Shuffle" and press the "Mode" button once again. The mode menu is faded out and the shuffle function is then switched on.

3 To switch off the shuffle function, press the "Mode" key during playback , and select in the "Play Mode" the "Off" option within the "Mode" menu item by pressing the "OK" button. Renewed depression of the "Mode" button turns off the shuffle function.

Repeat play

Individual titles, as well as the entire audio-CD, can be repeated with the "Repeat Play" function.

Proceed in the following manner to switch on repeat play …

1 Press once during playback the "Mode" key on the remote control. The "Play Mode" menu will be displayed on the television screen.

2 Press the control key ▽ once to select the "Repeat" menu item:

Play Mode	
Mode	Off
Repeat	**Off**

3 Press the "OK" button to select between the "Off", Single" and "All" options.

- Select "Single" to continue repeating every title you select on the audio-CD until the repeat mode is switched off, or playback is terminated by pressing the "Stop" ■ button twice.

IB_KH6777_EN 37 23.09.2003, 0:57 Uhr

- Select "All" to continue repeating the entire CD until repeat play is switched off, or playback is terminated by pressing the "Stop" ■ button twice.

4 To switch off repeat play, press the "Mode" button during playback, and select in "Play Mode" the "Off" option in the "Repeat" menu item by pressing the "OK" button. Repeat playback is switched off when the "Mode" button is pressed once again.

Repeating sequences (A – B)

Any sequence of the currently played title can be repeated with this function.

Proceed in the following manner …

1 Press during title playback the "A-B" button on the remote control as soon as the required sequence commences. "Rep A -" is displayed on the television screen.

2 Press the "A – B" button once again as soon as the end of the required sequence is reached. Ensure that the beginning and end of the sequence are always within a title.

Repeat playback of the selected sequence commences immediately without having to press the "Play" ▷ button. The sequence continues to be repeated until the "A – B" button is pressed once again to turn off the function. "Rep Off" is then briefly displayed on the television screen.

Bookmark function

So-called Bookmarks can be set while an audio-CD is being played so that the selected passages of individual titles can then be heard once again later on.

Proceed in the following manner to set up to three Bookmarks …

1 Press the "Mark" button on the remote control once while the title is being played. The following will be displayed on the television screen:

Bookmark 1	**--:--:--**
Bookmark 2	--:--:--
Bookmark 3	--:--:--

2 As soon as the passage is reached where you wish to set a Bookmark, press the "OK" button on the remote control once. The precise time position of this passage within the title will then by shown "under "Bookmark 1" in hours, minutes and seconds

3 To set a second Bookmark press the control button ▽ once again so that "Bookmark 2" can be selected on the faded-in display on the television screen. Press the "OK" button once again as soon as the passage is reached where the second Bookmark is to be set.

4 Proceed in the afore-described manner to set a third Bookmark. After all the required Bookmarks have been set, press the "Mark" button once again to fade out the selected Bookmarks on the television screen.

5 When, later, you wish to advance to the passages where you have set Bookmarks, press the "Mark" button once again.

6 Select with the control buttons △ and ▽ the required Bookmark.

7 Confirm the choice by pressing the "OK" button once. Playback of the selected passage commences automatically at the point where you have set the Bookmark.

IB_KH6777_EN 38 23.09.2003, 0:57 Uhr

Playing CD-Rs/CD-RWs with MP3 or WMA Files

IB_KH6777_EN 39 23.09.2003, 0:57 Uhr

15. Playing CD-Rs/CD-RWs with MP3 or WMA Files

Proceed in the following manner to play a CD-R/CD-RW with MP3 or WMA files on the DVD Player …

1 Switch on the television to which the DVD Player is connected.

2 Ensure that the DVD Player has been switched on and is operational.

If the television, the DVD Player and other units that may be connected (e.g. an audio unit), are all switched on and operational, "eBench" and the "DVD-Video" logo will appear on the television screen:

"NoDisc" will appear on the television screen and on the display on the front of the DVD Player if there is no disc in the disc drawer of the DVD Player.

3 Open the disc drawer on the front of the DVD Player by pressing the "Open/Close" ⏏ button once on the front panel of the DVD Player, or on the remote control. "Open" will then appear on the display on the front of the DVD Player and on the television screen.

4 Place a CD-R/CD-RW with MP3 or WMA files, label facing upwards, in the disc drawer.

5 Press once again the "Open/Close" ⏏ button on the front of the DVD Player or on the remote control to close the disc drawer. "Close" will then appear on the display on the front of the DVD Player and on the television screen while the disc drawer is closing.

6 The contents of the CD-R/CD-RW is then being loaded; this can take several seconds. "Load" will flash on the display on the front of the DVD Player, and "Loading" will be displayed on the television screen.

Please note:

Contrary to audio-CDs, the titles on a CD-R/CD-RW with MP3 or WMA files can be stored in folders, for instance to sort titles according to different genres. Depend on this aspect, the following steps are described – if necessary – for CD-Rs/CD-RWs with file structure and for CD-Rs/CD-RWs without file structure.

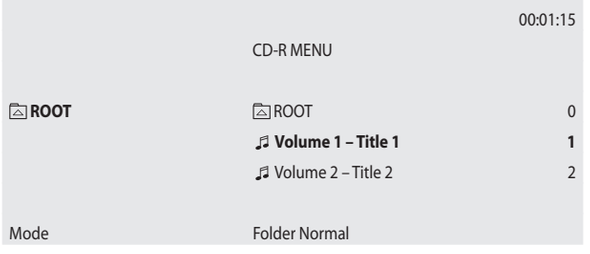
➧ ***For this subject please refer to Chapter 19 "Glossary/ Index".***

7 As soon as the contents of the inserted CD-R/CD-RW has been loaded, the display on the front of the DVD Player will briefly display ◉ and "00:00". The CD-R menu is faded in on the television screen. All functions available during playback of the CD-R/CD-RW with MP3 or WMA files can be controlled by way of the CD-R menu.

When there are no folders: The first title on the CD-R/CD-RW is immediately played.

8 The CD-R-Menu shows …

When there are no folders:



- on the left-hand side the main folder (Root) on the loaded CD-R/CD-RW; this is also displayed when the PM3-WMA files are not stored in folders on the loaded CD-R/CD-RW.
- On the right-hand side of all titles of the loaded CD-R/CD-RW (here designated as "Volume 1 - Title 1" and "Volume 2 - Title 2")
- Under the mode selection bar

IB_KH6777_EN 40 23.09.2003, 0:57 Uhr

Please continue reading directly at Step 10.

When there are folders:

	CD-R MENU	
ROOT	ROOT	**0**
	Folder 1	1
	Folder 2	2
Mode	Folder Normal	

- On the left-hand side – the main folder ("Root") on the loaded CD-R/CD-RW
- On the right-hand side – all sub-folders with MP3 or WMA files on the loaded CD-R/CD-RW (here designated as "Folder 1" and "Folder 2")
- Under the mode select bar

The first sub-folder on the right-hand side is the first to be automatically selected. Press the control buttons △▽◁▷ on the remote control to change between the individual folders; press the "OK" button once to display the contents of a selected folder.

9 If you have selected a folder to display its contents, then the following will be displayed in the CD-R menu …

- On the left-hand side – all sub-folders with MP3 or WMA files (consecutively numbered) on the loaded CD-R/CD-RW
- On the right-hand side – all titles (consecutively numbered) within the currently selected sub-folder

		CD-R MENU	
ROOT	0	..	0
Folder 1	**0**	**Volume 1 – Title 1**	**1**
Folder 2	0	Volume 2 – Title 2	1
Mode		Folder Normal	

10 Press the control buttons △ and ▽ on the remote control to alternate between the individual titles; press the "OK" button once to select a title for playback. The selected title will then be played immediately without having to press the "Play" ▷ button.

Displayed on the television screen …

- "Play ▶" is briefly shown to the left above the CD-R-Menu
- The currently played title is faded-in to the right above the CD-R-Menu. This display can be faded out by pressing the "Display" button on the remote control once.
- Detailed information concerning the currently played title is faded in to the left, underneath the CD-R menu, e.g. the name of the "Artist", the name of the "Album", the "Year" of the recording, etc.

Please note:

Display of the detailed information relating to the currently played title presupposes that this information has been stored on the CD-R/CD-RW. No information, or only limited information relating to a title, will be displayed, depending on the above circumstance.

The display on the front of the DVD Player indicates …

1 The number of the currently played title

2 The time hitherto played of the currently played title.

Changing folders (only if there are folders)

If you wish to play a title from another sub-folder on the CD-R/CD-RW with MP3 or WMA files it will first be necessary to change the current folder to the required folder.

Proceed as follows …

1 If a title is currently being played, then discontinue playback by pressing the "Stop" ■ button on the front of the DVD Player or on the remote control.

2 Press the control button ◁ on the remote control once to change over from the list of titles of the currently selected sub-folder in the right half of the CD-R menu to the list of sub-folders in the left half of the menu.

3 Select at this point with the control buttons △ and ▽ the sub-folder to which you wish to change.

4 Confirm the selection by pressing the "OK" button on the remote control once.

5 The list of titles in the selected sub-folder are shown in the right half of the CD-R menu.

6 Select a new title for playback with the control buttons △ and ▽ and the "OK" button.

7 Press the "Return" button on the remote control to return to the main directory of the CD-R/CD-RW.

IB_KH6777_EN 41 23.09.2003, 0:57 Uhr

15.1. Functions when playing a CD-R/CD-RW with MP3 or WMA files

The following functions of the DVD Player can be used while a CD-R/CD-RW with MP3 or WMA files is being played …

Stopping playback (Pause)

Proceed in the following manner to stop a title on the loaded CD-R/ CD-RW …

1 Press once the "Pause/Step" button on the front of the DVD Player or on the remote control while the title is being played. "II" will flash on the display on the front of the DVD Player, and "II" will be shown on the television screen.

2 Press the "Play" button once to continue playback of the title.

Ending playback (Stop)

To terminate playback of a title on the loaded CD-R/CD-RW, press the "Stop" button on the front of the DVD Player or on the remote control once.

... with Resume function

If playback of a title on the loaded CD-R/CD-RW has been terminated by pressing the "Stop" button once, then the DVD Player will automatically store the point at which playback was terminated ("Resume" function). The television screen will display "Stop [Play to Continue]". As soon as the "Play" button on the front of the DVD Player or on the remote control is pressed, playback of the title will be resumed from the point it was stopped.

... without Resume function

If playback of a title on the loaded CD-R/CD-RW has been terminated by pressing the "Stop" button once, then press the "Stop" button a second time to clear the stored point at which playback was interrupted. Consequently, when the "Play" button is pressed, playback will commence with the start of the last selected title.

Jumping to the beginning of a title (Skip)

Pressing the "Skip Forward" and "Skip Back" buttons on the front of the DVD Player while a title on the loaded CD-R/CD-RW with MP3 or WMA files is being played will initiate the following functions …

- Advance to the beginning of the next title, or
- Return to the beginning of the preceding title.

The selected title is immediately played without having to press the "Play" button. The number of the selected title is indicated on the display on the front of the DVD Player to the left of the playing time.

If there are folders: In this case it will only be possible to skip within the currently selected sub-folder …

- Advance to the beginning of the next title, or
- Return to the beginning of the preceding title.

Direct title selection

Instead of the control buttons △ und ▽, titles can be directly selected on the CD-R/CD-RW that is being played by the following input procedures:

Entering the title with the numeral buttons

Proceed as follows to select a title directly by entering the title number with the numeral buttons …

1 Press during playback of a title, or when playback has been stopped or terminated, the numeral buttons that are equivalent to the title number – e.g. button "3" for the third title, or consecutively the buttons "1" and "0" for the tenth title. The entered numbers are indicated on the television screen.

2 Confirm by pressing the "OK" button on the remote control once. Playback of the title with the entered number starts immediately.

If there are folders: With the entry of the title number by way of the numeral keys it is only possible to select titles within current sub-folder for playback

Selecting a title by way of the search function (Search)

The search function can also be used for direct selection of a title in the current sub-folder.

Proceed in the following manner …

1 Press the "Search" button on the remote control once during playback of a title during Pause or Stop mode.

2 The "Search" menu appears on the television screen.

Search	
Track	----

3 Enter the number of the required title with the numeral buttons 0 to 9.

One to four digital title numbers can be entered.

MP3

IB_KH6777_EN 42 23.09.2003, 0:57 Uhr

4 Press the "OK" button on the remote control once. Playback with the title of the entered number will then start automatically.

If there are folders: By entering the title number via the search function it is possible to select the title within the currently selected sub-folder for playback.

Repeating sequences (A – B)

Any sequence of the currently played title can be repeated with this function.

Proceed in the following manner …

1 Press during title playback the "A-B" button on the remote control as soon as the required sequence commences. "Rep A -" is displayed on the television screen.

2 Press the "A – B" button once again as soon as the end of the required sequence is reached. Ensure that the beginning and end of the sequence are always within a title.

Repeat playback of the selected sequence commences immediately without having to press the "Play" ▷ button. The sequence continues to be repeated until the "A – B" button is pressed once again to turn off the function.

Select Play mode

It is possible to select between the following play modes for the playback of MP3/WMA files on CD-Rs/CD-RWs with MP3 or WMA files:

Folder Normal

If there are no folders: All titles on the CD-R/CD-RW are played consecutively. Playback ends with the last title on CD-R/CD-RW.

If there are folders: All titles on the current sub-file are played consecutively. Playback ends with the last title of the current sub-folder.

Folder repeat

If there are no folders: All titles on the CD-R/CD-RW are played consecutively. After the last title on the CD-R/CD-RW has been played, playback recommences with the first title on the CD-R/CD-RW

If there are folders: All titles in the current sub-folder are played consecutively. After the last title in this sub-folder has been played, playback recommences with the first title of the sub-folder.

Folder repeat is continued until playback is stopped by pressing the "Stop" ■ button twice.

Disc Scan

This play mode is ideal for gaining a rapid survey of all titles on a newly loaded CD-R/CD-RW.

If there are no folders: The titles on the CD-R/CD-RW are played consecutively for a few seconds. Playback ends with the last title on the CD-R/CD-RW.

If there are folders: All titles in the sub-folders on the CD-R/CD-RW are played consecutively for a few seconds. Playback ends with the last title of the last sub-folder.

Disc Normal

If there are no folders: All titles on the CD-R/CD-RW are played consecutively. Playback ends with the last title on the CD-R/CD-RW.

If there are folders: All titles in the sub-folders of the CD-R/CD-RW are played consecutively. Playback ends with the last title of the last sub-folder.

Disc repeat

If there are no folders: All titles on the CD-R/CD-RW are played consecutively. After playback of the last title on the CD-R/CD-RW playback is resumed with the first title on the CD-R/CD-RW.

If there are folders: All titles in all sub-folders of the CD-R/CD-RW are played consecutively. After playback of the last title in the last sub-folder of the CD-R/CD-RW, playback is resumed with the first title of the first sub-folder of the CD-R/CD-RW.

Disc repeat is continued until playback is stopped by depressing the "Stop" ■ button twice.

Shuffle

If there are no folders: All titles on the CD-R/CD-RW are played in a random sequence until each title on the CD-R/CD-RW has been played once.

If there are folders: All titles in the current sub-folder are played in a random sequence until each title in the current sub-folder has been played once.

Program Begin/Program End

If there are no folders: With this function you can compile your own music programme by selecting only certain titles on the CD-R/CD-RW with MP3 or WMA files for playback. You can decide the sequence in which the titles are played.

If there are folders: With this function you can compile your own music programme by selecting certain titles

IB_KH6777_EN 43 23.09.2003, 0:57 Uhr

within the current sub-folder for playback. You can decide the sequence in which the titles are played.

To operate the "Programmed Playback" function please refer to Chapter "Programmed Playback (Program)".

Single Track

If there are no folders: The currently selected title is played once again.

If there are folders: The currently selected title in the current sub-folder is played once.

Repeat Single

If there are no folders: Playback of the currently selected title is repeated.

If there are folders: Playback of the currently selected title in the current sub-folder is continuously repeated until termination by pressing the "Stop" ■ button twice.

To select the Play Modes ….

1 In the event that a CD-R/CD-RW with MP3 or WMA files is being played, then playback is terminated by pressing the "Stop" ■ button on the front of the DVD Player or on the remote control once.

2 Press the control button ▶ once whilst in the list of the titles of a sub-folder (the mark is therefore in the right-hand half of the CD-R menu; see fig. 1). The mark will then change to the mode select bar; the preset "Folder Normal" mode has been selected (see fig. 2).

		CD-R MENU	
ROOT	0	..	0
Folder 1	**1**	**Volume 1 – Title 1**	**1**
Folder 2	2	Volume 2 – Title 2	2
Mode		Folder Normal	

Fig. 1

		CD-R MENU	
ROOT	0	..	0
Folder 1	1	Volume 1 – Title 1	1
Folder 2	2	Volume 2 – Title 2	2
Mode		**Folder Normal**	

Fig. 2

3 One of the Play Modes is displayed with each depression of the "OK" button. When the required play mode is displayed, then leave the mode select bar by pressing the control button △ once. The mark is then once again located in the list of the titles of the previously selected sub-folder.

4 Proceed as follows to playback titles in the set mode …

If there are no folders:

- Press the "Play" ▶ button once to start playback of the first tile on the CD-R/CD-RW

or

- Press the "OK" button once to start playback at the currently selected title.

If there are folders:

- Press the "Play" ▶ button once to start playback of the first title in the current sub-folder

or

- Press the "OK" button once to start playback of the currently selected title in the current sub-folder.

Programmed playback (Program)

Set the "Program Start" mode to select several titles for programmed playback:

1 The field "Program __:__" is faded in above the CR-R menu. Select the first titles to be programmed with the control buttons △ and ▽ on the remote control.

If there are folders: Titles can only be selected for programmed playback from the currently selected sub folder of the CD-R/CD-RW. Titles from different sub-folders cannot be selected for programmed playback.

2 Confirm the selected titles by pressing the "OK" button on the remote control.

3 The selected title is displayed as the first stored title for programmed playback in the faded-in file above the CD-R menu – e.g. "Program 1:05" if the fifth title of the currently selected sub-folder was selected as the first title for programmed playback.

4 Repeat the steps 1 and 2 until all the required titles have been selected for programmed playback.

5 Then press the control button ▶ once to change the mode select bar.

6 Press the "OK" button once; the "Program End" mode is displayed in the mode select bar.

7 Press the "Play" ▶ button on the front of the DVD Player or on the remote control once to start playback of the programmed titles.

IB_KH6777_EN 44 23.09.2003, 0:57 Uhr

8 Within the programmed titles it is then possible to jump to the beginning of the next title or back to the previous title by pressing the "Skip" ⏭ or "Skip" ⏮ buttons on the front of the DVD Player or on the remote control.

9 To clear programmed playback press twice during playback, the "Stop" ■ button on the front of the DVD Player or on the remote control.

It is also possible to proceed in the following manner for programmed playback:

1 Press the "PRG" button on the remote control once during playback or when playback has been stopped. The following will then be shown on the television screen:

Program	Input	Title/Chapter		
1	– –	4 – –	7 – –	10 – –
2	– –	5 – –	8 – –	11 – –
3	– –	6 – –	9 – –	12 – –
Play program		Clear all		

Each of the faded-in numbers from 1 to 12 stand for one of the available program storage places.

2 Use the control buttons △▽◁▷ on the remote control to change between the "– –" marked input fields of the program storage places 1 to 12. Enter the title numbers in the input fields with the numeral buttons 0 to 9 on the remote control. One-, two- and three-digit title numbers can be entered.

If there are folders: Only titles from the current sub-folder can be selected for programmed playback. Titles from different sub-folders cannot be selected for programmed playback.

3 To clear an entry in one of the input fields, select the corresponding input field with the control buttons △▽◁▷ and press the "CLR" button once. The display jumps back to "– –".

To clear the entries in all input fields, select the "Clear all" option under the input fields with the control keys △▽◁▷ and then press the "OK" button once.

4 After all the required titles have ben programmed, select the "Play program" option below the input fields with the control buttons △▽◁▷. Press the "OK" button once. Playback of the compiled music program commences with the title selected for program storage place 1.

5 By pressing within the programmed titles the buttons "Skip" ⏭ and "Skip" ⏮ on the front of the DVD Player or on the remote control, you can advance to the beginning of the next title, or jump back to the beginning of the previous title.

6 To clear programmed playback, press during playback the "Stop" ■ button on the front of the DVD Player or on the remote control twice.

IB_KH6777_EN 45 23.09.2003, 0:57 Uhr

IB_KH6777_EN 46 23.09.2003, 0:57 Uhr

Playback JPEG-CDs

IB_KH6777_EN 47 23.09.2003, 0:57 Uhr

16. Playback JPEG-CDs

Proceed as follows to playback CD-Rs/CD-RWs with pictures in JPEG format with the DVD Player …

1 Switch on the television to which the DVD Player is connected.

2 Ensure that the DVD Player has been switched on and is operational.

If the television, the DVD Player and any other units that may be connected (e.g. an audio unit), are switched on and operational, and if the DVD Player has been correctly connected to the television, then "eBench" and the "DVD-Video" logo will appear on the television screen:

"NoDisc" will be displayed on the television screen and on the display on the front of the DVD Player if there is no disc in the disc drawer of the DVD Player.

3 Open the disc drawer on the front of the DVD Player by pressing the "Open/Close" ⏏ button on the front of the DVD Player or on the remote control. "Open" will then appear on the display on the front of the DVD Player and on the television screen.

4 Place a CD-R/CD-RW with JPEG pictures – label facing upwards – in the disc drawer.

5 Renewed depression of the "Open/Close" ⏏ button on the front of the DVD Player, or on the remote control, will close the disc drawer. "Close" will then appear on the display on the front of the DVD Player and on the television screen.

6 The contents of the CD-R/CD-RW will then be loaded, a process that can take several seconds. During this period "Load" will flash on the display on the front of the DVD Player and "Loading" will be displayed on the television screen.

Please note:

Contrary to audio-CDs, JPEG pictures on CD-Rs/CD-RWs can be stored in folders, e.g. to sort pictures according to different genres.

▸ ***For this subject please refer to Chapter 19. "Glossary/ Index".***

If there are folders: Please continue to read directly at Step 8.

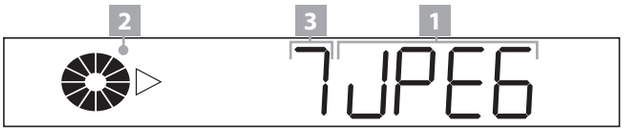
7 The JPEG pictures on the loaded CD-R/CD-RW are then each shown consecutively for a few seconds on the television screen.

If there are no folders: The display on the front of the DVD Player will display …

1 "JPEG"

2 The symbols ◉ and ▶ for the Play Mode

3 The number of the currently shown JPEG picture



8 The CD-R menu will then appear on the television screen. All functions available during playback of JPEG CD can be controlled via the CD-R menu.

9 The following can be seen in the CD-R menu ...

If there are no folders:

	CD-R MENU	
ROOT	ROOT	0
	Picture 1	1
	Picture 2	2
Mode	Folder Normal	

JPEG

IB_KH6777_EN 48 23.09.2003, 0:57 Uhr

- On the left-hand side the main folder (“Root”) on the loaded CD-R/CD-RW; this is also shown if pictures are not stored in folders on the loaded CD-R/CD-RW.

- On the right-hand side all pictures of the loaded CD-R/CD-RW (here referred to as “Picture 1” and “Picture 2”).

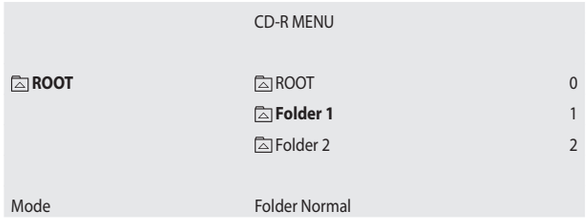
Please note:

If only one picture is shown on the right-hand side, even though several pictures are stored on the loaded CD-R/CD-RW, then this will be the last picture in the list. In this case continue pressing the control button △ until all pictures are displayed.

- Under the mode select bar

  Please continue to read directly at Step 11.

  If there are folders:



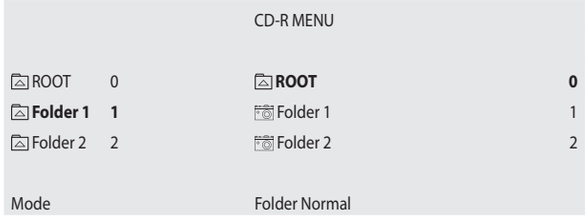
- On the left-hand side of the main folder (“Root) on the loaded CD-R/CD-RW

- On the right-hand side all sub-folders on the loaded CD-R/CD-RW (here referred to as “Folder 1” and “Folder 2”).

- Under the mode select bar

  The first sub-folder on the right-hand side is the first to be automatically selected. Press the control buttons △▽◁▷ on the remote control to change between the individual folders; press the “OK” button once to display the contents of the selected folder.

10 If you have selected a folder to see its contents, then the CD-R menu will display …



- On the left-hand side: all sub-folders (numbered consecutively) on the loaded CD-R/CD-RW

- On the right-hand side: all pictures (numbered consecutively) with the current sub-folder

11 Press the control buttons △ and ▽ on the remote control to change between the individual pictures of the list; press the “OK” button once to select a picture for display. The selected picture will then be immediately displayed.

“▶ Play” will be briefly displayed on the television screen on the left-hand side above the CD-R menu, while the display on the front of the DVD Player will indicate the number of the currently displayed picture.

Change folders (only if there are folders):

If a picture from a sub-folder on the loaded CD-R/CD-RW is to be shown, then it will be necessary to change from the current folder to the required folder.

For this purpose, proceed in the following manner …

1 In the event that a picture is shown, then display can be interrupted by pressing the “Stop” ■ button on the front of the DVD Player, or on the remote control, once.

2 Press the control button ◁ on the remote control once to change from the list of pictures of the current sub-folder in the right half of the CD-R menu to the list of sub-folders in the left half of the menu.

3 Select with the control buttons △ and ▽ to change over to the required sub-folder.

4 Confirm your choice by pressing the “OK” button on the remote control once.

5 The list of pictures in this sub-folder will then be displayed in the right half of the CD-R menu.

6 Select a new picture for display with the control buttons △ and ▽ , and with the “OK” button.

7 Press the control buttons △ and ▽ on the remote control to change between the individual pictures in the list; press the “OK” button once to select a picture for display. The selected picture is displayed instantly.

“▶ Play” is displayed on the television screen on the left-hand side above the CD-R menu; the number of the currently displayed picture is shown on the display on the front of the DVD Player.

16.1. Functions when displaying JPEG pictures

The following functions of the DVD Player can be used while the JPEG pictures are being displayed …

To stop display (Pause)

To display the current picture for an indefinite period, press during picture display the “Pause/Step” ❚❚ button on the front of the DVD Player or on the remote control. “❚❚” will flash on

IB_KH6777_EN 49 23.09.2003, 0:57 Uhr

the display on the front of the DVD Player, while "❚❚" will be displayed on the television screen.

Terminating picture display (Stop)

To terminate the display of a picture, press the "Stop" ■ button on the front of the DVD Player, or on the remote control, once.

... with Resume Function

If you have terminated the display of pictures on the loaded CD-R/CD-RW by pressing the "Stop" ■ button once, then the DVD Player will automatically store the point at which picture display was stopped ("Resume Function"). As soon as the "Play" ▷ button on the front of the DVD Player or on the remote control is depressed once again, picture display from the stored point is continued.

... without Resume Function

If you have terminated the display of pictures on the loaded CD-RW by pressing the "Stop" ■ button once, and then press the "Stop" ■ button a second time, then the stored point at which picture display was terminated will be displayed. The television screen will once again display the CD-R menu.

Jump to the next/previous picture (Skip)

Use the "Skip Forward" ⏭ and "Skip Back" ⏮ buttons on the front of the DVD Player, or on the remote control, during picture display to jump between the pictures of the loaded CD-R/CD-RW, either …

- forward to the next picture, or
- back to the previous picture.

The selected picture is instantly displayed. The number of the displayed picture is indicated on the display on the front of the DVD Player.

The Skip function can be used to jump only between the next/previous picture of the current sub-folder.

Turning pictures

The currently displayed picture can be turned in increments of 90° while the picture is being shown. For this purpose press the "Angle" button on the remote control; the picture is turned by 90° with each depression of the "Angle" button. The selected turning increment – between 90° and 270° - is shown on the television screen.

Renewed depression of the "Angle" button for a picture that has already been turned by 270° will turn the picture to its original position, and "Original" will be shown on the television screen.

Please note:

Picture turning does not function when picture display is in Pause mode.

Direct picture selection

The pictures on a CD-R/CD-RW can be directly selected by one of the following entry functions instead of the control buttons △ and ▽:

Entering the picture number with the numeral buttons

Proceed in the following manner to select a picture directly by entering the picture number with the numeral buttons …

1 During picture display, or when picture display has been stopped/terminated, enter the title number with the corresponding numeral keys on the remote control – e.g. the "3" button for the third picture, or consecutively the "1" and "0" buttons for the tenth picture. The entered numbers are displayed on the television screen.

2 Then press the "OK" button on the remote control once. The picture with the entered number will be instantly displayed.

If there are folders: Only pictures in the current sub-folder can be selected by direct picture selection.

Picture selection via the search function (Search)

Proceed in the following manner for direct picture selection by way of the search function …

1 Press while the CD-R menu is faded in the "Search" button on the remote control once.

2 The "Search" menu is shown on the television screen:

Search
Track ----

3 Enter with the numeral buttons 0 to 9 on the remote control the number of the picture you wish to display.

The picture number can be composed of one to four digits.

If there are folders: Only the pictures in the current sub-folder can be selected with the numeral buttons.

4 Press the "OK" button on the remote control once to instantly display the selected picture.

IB_KH6777_EN 50 23.09.2003, 0:57 Uhr

Selecting the display mode

The following Play Modes can be selected to display JPEG pictures on CD-Rs/CD-RWs:

Folder Normal

If there are no folders: All pictures are shown consecutively. Picture display ends with the last picture on the CD-R/CD-RW.

If there are folders: All pictures in the current sub-folder are shown consecutively. Picture display ends with the last picture of the current sub-folder.

Folder Wiederholung

If there are no folders: All pictures on the CD-R/CD-RW are shown consecutively. After the last picture on the CD-R/CD-RW has been shown, display resumes with the first picture on the CD-R/CD-RW.

If there are folders: All pictures in the current sub-folder are shown consecutively. After the last picture in this sub-folder has been shown, display resumes with the first picture of the current sub-folder.

Folder repeat is continued until picture display is terminated by pressing the "Stop" ■ button twice.

Disc Scan

This display mode is ideal to gain a rapid survey of all pictures on a newly loaded CD-R/CD-RW.

If there are no folders: All pictures on the CD-R/CD-RW are shown in rapid succession one after the other. Picture display ends with the last picture on the CD-R/CD-RW.

If there are folders: All pictures on the CD-R/CD-RW are shown in rapid succession one after the other, commencing in the current sub-folder. Picture display ends with the last picture in the last sub-folder on the CD-R/CD-RW.

Disc Normal

If there are no folders: All pictures on the CD-R/CD-RW are shown one after the other. Picture display ends with the last picture on the CD-R/CD-RW.

If there are folders: All pictures in all sub-folders of the CD-R/CD-RW are shown consecutively, starting with the current sub-folder. Picture display ends with the last picture in the last sub-folder on the CD-R/CD-RW.

Disc repeat

If there are no folders: All pictures on the CD-R/CD-RW are shown consecutively. After the last picture on the CD-R/CD-RW has been shown, display is resumed with the first picture on the CD-R/CD-RW.

If there are folders: All pictures in all sub-folders of the CD-R/CD-RW are shown consecutively, commencing with the current sub-folder. After the last picture in the last sub-folder has been shown, display is resumed with the first picture in the first sub-folder.

Disc repeat is continued until picture display is terminated by depressing the "Stop" ■ button twice.

Shuffle

If there are no folders: All pictures on the CD-R/CD-RW are shown in a random sequence. Random picture display is continued until every picture on the CD-R/CD-RW has been shown once.

If there are folders: All pictures in the current sub-folder are shown in a random sequence. Random picture display is continued until every picture in the current sub-folder has been shown once.

Program Begin/Program End

If there are no folders: This function enables you to compile your own picture selection by selecting certain pictures on the CD-R/CD-RW for display. You can determine the sequence in which the pictures are shown.

If there are folders: This function enables you to compile your own picture selection by selecting certain pictures of the current sub-folder for display. You can determine the sequence in which the pictures are shown.

▶ ***For programmed picture display please refer to chapter "Programmed Display (Program)".***

Single Track

The current picture is shown once.

Repeat Single

The currently selected picture continues to be shown until terminated by depressing the "Stop" ■ button twice.

Proceed in the following manner to select a display mode …

1. In the event that JPEG pictures of a CD-R/CD-RW are already being displayed, then first terminate picture display by pressing the "Stop" ■ button on the front of the DVD Player or on the remote control once.

2. Press the control button ▶ once while in the picture list (the marks are in the right half of the CD-R menu; see fig. 1). The marks then change to the mode select bar; the

IB_KH6777_EN 51 23.09.2003, 0:57 Uhr

preset "Folder Normal" mode has then been selected (see fit 2).

If there are no folders:

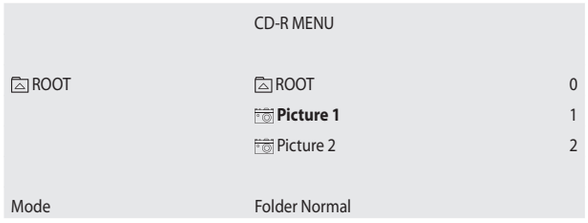


Fig. 1

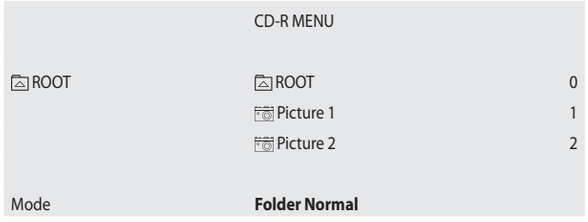


Fig. 2

If there are folders:

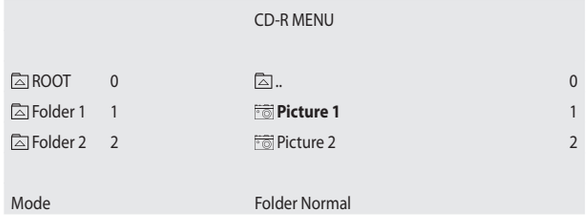


Fig. 1

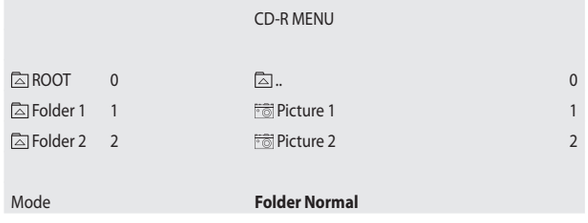


Fig. 2

3 One of the modes is displayed with each depression of the "OK" button. When the required display mode is displayed, then leave the mode select bar by pressing the control button △ once. The mark is then once again in the picture list.

4 **If there are no folders:**

- Press the "Play" ▷ button once to start picture display with the first picture on the CD-R/CD-RW

or

- Press the "OK" button once to start picture display at the currently displayed picture.

If there are folders:

- Press the "Play" ▷ button once to start picture display with the first picture in the current sub-folder

or

- Press the "OK" button once to start picture display with the currently selected picture in the current sub-folder.

Programmed picture display (Program)

If you have set "Program Start" mode to select several pictures for programmed picture display:

1 The "Program _:_" field is faded in above the CD-R menu. Select the first picture that is to be programmed with the control buttons △ and ▽ on the remote control.

If there are folders: Only one picture at a time from the current sub-folder can be selected for programmed picture display. Pictures from different sub-folders cannot be selected for programmed picture display.

2 Confirm selection by pressing the "OK" button on the remote control once.

3 The selected picture is then displayed in the faded-in field above the CD-R menu as the first stored picture for programmed picture display, e.g. "Program 1:05" if the fifth picture of the current sub-folder has been selected as the first picture for programmed picture display.

4 Repeat steps 1 and 2 until you have selected all required pictures for programmed picture display.

5 Press the control button ▷ once to change the mode select bar.

6 Press the "OK" button once; the "Program End" mode is then displayed in the mode select bar.

7 Press the "Play" ▷ button on the front of the DVD Player or on the remote control once to start programmed picture display.

8 Press the "Skip" ⏭ or "Skip" ⏮ buttons on the front of the DVD Player within the programmed pictures to jump forward to the next picture or back to the previous picture.

9 To cancel programmed picture, press during display the "Stop" ■ button on the front of the DVD Player or on the remote control twice.

IB_KH6777_EN 52 23.09.2003, 0:57 Uhr

General Functions of the DVD Player

IB_KH6777_EN 53 23.09.2003, 0:57 Uhr

17. General Functions of the DVD Player

Setting the sound volume

Press the "Vol+" button on the remote control to increase the sound volume during playback of DVDs, VCDs/S-VCDs, audio CDs and CD-Rs/CD-RWs with MP3 or WMA files, or the "Vol -" button to diminish the volume.

The change in volume between the "0" (sound OFF) and "16" (maximum volume) is indicated on the television screen.

Muting the sound (Mute)

To mute sound press the "Mute" button on the remote control once during playback of DVDs, VCDs/S-VCDs, audio-CDs and CD-Rs/CD-RWs with MP3 or WMA files. The symbol is displayed on the television screen. Press the "Mute" button once again to turn on the sound.

Child lock

Many DVDs and VCDs/S-VCDs have a parent guidance rating to indicate the age group for which the given DVD/VCD/S-VCD is suitable. The age group for DVD/VCD/S-VCD is usually indicated on the disc sleeve and/or on the DVD/VCD/S-VCD itself.

The DVD Player features a child lock with three settings to prevent playback of DVDs/VCDs/S-VCDs that have not been released for the set age group.

The three child lock ratings are:

G	Will only play DVDs/VCDs/S-VCDs with no age limit, i.e. for 0 years and older.
PG-13	Will not play DVDs/VCDs/S-VCDs rated for persons of 13 years and older.
Adult	Will play all DVDs/VCDs/S-VCDs even if rated for persons of 18 years/adults only.

Setting the child lock …

1 If a disc is currently being played by the DVD Player, then stop playback by pressing the "Stop" ■ button on the front of the DVD Player, or on the remote control, once.

2 Then press the "Setup" button on the remote control once to display the OSD menu on the television screen.

3 Press the control button ▶ to select the "Parent" menu item, and then press the "OK" button on the remote control once.

4 The "Parental" menu is displayed with its sub-items ...

Password	– – – – 🔒
Rating	G
Load factory	Reset

The "Password" sub-item is the first to be automatically selected. Enter with the number buttons on the remote control the works set password "8888" in the input field marked "– – – –".

5 Confirm the entry by pressing the "OK" button once. The symbol 🔒 behind the input field is then replaced by the symbol 🔓 for the parent guidance rating, i.e. the "Rating" menu sub-item that was previously not accessible can then be selected.

6 Select the "Rating" menu sub-item by pressing the control button ▼.

7 Press the "OK" button to select the required option "G", "PG-13" or "Adult". Confirm the selection with the "OK" button.

8 Return to the "Password" menu sub-item by pressing the control button ▲. Enter once again the password" 8888" in the input field marked "– – – –".

9 Press the "OK" button once to confirm your entry. The symbol 🔒 is once again displayed behind the input field.

10 Press the control button ▲ once again to return to the main menu bar.

11 Fade out the OSD menu by pressing the "Setup" button once. The child lock has then been turned on with the set parent guidance rating.

If an attempt is now made to play DVDs/VCDs/S-VCDs with a higher age release rating than the one set in the OSD menu, then "Rating Error" will be displayed on the television screen.

Please note:

The exact function of the child lock depends on the individual DVD/VCD/S-VCD. With some DVDs/VCDs/S-VCDs playback is not possible when the child lock has been activated; other chapters that are unsuitable for the given age release rating are either skipped or redrawer by other (suitable) chapters.

Furthermore, please note that …

- **… DVDs/VCDs/S-VCDs that have no parent guidance rating printed on the sleeve may still, nevertheless, feature an age release rating, and**

IB_KH6777_EN 54 23.09.2003, 0:57 Uhr

- **… on some DVDs/VCDs/S-VCDs with a printed parent guidance rating, the child lock will not indicate any function in connection with the set age release rating.**

Selecting your own password

You can replace the works set password "8888" with your own four-digit password composed of the numerals 0 to 9.

For this purpose proceed in the following manner …

1 Stop a disc that may be currently playing in the DVD Player by pressing the "Stop" ■ button on the front of the DVD Player, or on the remote control, once.

2 Press the "Setup" button on the remote control once to fade in the OSD menu on the television screen.

3 Select the "Parental" menu item by pressing the control button ▶, followed by depressing the "OK" button on the remote control once.

4 The "Parental" menu will then be displayed with its sub-items ...

Password	----🔒
Rating	G
Load factory	Reset

The "Password" menu sub-item is the first to be automatically selected. Enter with the number buttons on the remote control the works set password "8888" in the input field marked "– – – –".

5 Confirm the entry by pressing the "OK" button once. The symbol 🔒 behind the input field is then replaced by the symbol 🔓.

6 Enter with the number buttons 0 to 9 your new four-digit password in the input field marked "– – – –". Confirm your entry by pressing the "OK" button once.

7 Your newly entered password is then set with immediate effect. The symbol 🔓 behind the input field is then replaced by the symbol 🔒.

8 Press the control button ▲ once again to return to the main menu bar.

9 Fade out the OSD menu by pressing the "Setup" button once.

Please note:

Should you have forgotten your new password, then you can continue with the old, works set "8888" password.

Returning the DVD Player to the works settings

If you wish to reverse all the settings you have made in the OSD menu back to the original works settings, then proceed in the following manner …

1 In the event that a disc loaded in the DVD Player is currently being played, then terminate this by pressing the "Stop" ■ button on the front of the DVD Player, or on the remote control, once.

2 Press the "Setup" button on the remote control to display the OSD menu on the television screen.

3 Press the control button ▶ to select the "Parental" menu item, and then press the "OK" button on the remote control.

4 The "Parental" menu is then displayed with its sub-items …

Password	----🔒
Rating	G
Load factory	Reset

The "Password" menu sub-item is the first to be automatically selected.

5 Press the control button ▼ to select the "Works Setting" menu sub-item. The "Reset" option is then marked.

6 Press the "OK" button once.

7 The DVD Player is then returned to the works settings. Wait for ten seconds before restarting the DVD Player.

Please note:

Please realise that returning to the works settings will cancel all your previous settings in the OSD menu!

Warning:

A return to the works settings will also change the Stereo Downmix settings. In the event that …

- **The DVD Player is connected to a stereo television and no audio units are connected to the DVD Player, or**
- **A Dolby Prologic-compatible audio unit has been connected to the stereo output (via a chinch cable and the chinch sockets "FL" and "FR") of the DVD Player – as described in chapter "Connecting a HiFi system"**

… then there will be no sound, or only very soft, during playback of DVDs, VCDs/SVCDs and audio-CDs, MP3 or WMA CDs, after returning to the works set-

IB_KH6777_EN 55 23.09.2003, 0:57 Uhr

tings. In this case the previous speaker settings for Stereo Downmix in the OSD menu, "Audio" menu item, "Size" sub-item, must be returned to the previous settings:

- **Front: LARGE**
- **Center: Off**
- **Rear: Off**
- **Subwoofer: Off**

For this subject please refer to chapter 11.4, "Audio Settings: Setting Speaker Sizes – Stereo Downmix"

Switching off the DVD Player

Proceed in the following manner to switch off the DVD Player …

1. In the event that a disc loaded in the DVD Player is being played, then terminate this by pressing the "Stop" ■ button on the front of the DVD Player, or on the remote control, twice.

2. Open the disc drawer so that a disc loaded in the DVD Player can be removed when the "Open/Close" ⏏ button on the front of the DVD Player, or on the remote control, is pressed once. Reclose the the disc drawer by pressing the "Open/Close" ⏏ button once.

3. Press the "Standby" button on the remote control once. The DVD Player will then be switched over to operating readiness or to "Standby mode". Press the "Standby" button to switch on the DVD Player.

   To switch off the DVD Player entirely press the "Power" button on the front of the DVD Player once.

Cleaning the DVD Player

Only use a slightly moist cloth with a mild detergent to clean the case surface of the DVD Player. Ensure that no moisture can enter the DVD Player when it is being cleaned!

Clean the inside of the disc drawer – if necessary – only with a clean, dry brush (e.g. lens brush available from photographic dealers). NEVER moist-clean the inside of the disc compartment.

Waring!

Moisture penetrating the DVD Player can give rise to the danger of an electric shock! Moreover, the DVD Player can become irreparably damaged!

IB_KH6777_EN 56 23.09.2003, 0:57 Uhr

Faults and how they can be remedied

IB_KH6777_EN 57 23.09.2003, 0:57 Uhr

18. Faults and how they can be remedied

Fault	Possible cause/Remedy
➔ **The display is blank/ DVD Player does not indicate any function even though it has been switched on**	**A** Check that the power cable has been correctly plugged into a mains socket. **B** Check whether the mains socket is conducting power by connecting another electrical appliance to the same mains socket. **C** Switch off the DVD Player by pressing the "Power" button on the front panel, and wait for ten seconds. Then switch the DVD Player on again by pressing the "Power" button.
➔ **Display indicated "No Disc", even though a disc has been loaded**	**A** The disc is dirty, scratched or damaged. Clean the disc or load another disc. **B** The country/regional code of the loaded DVD/VCD/S-VCD does not match the regional/country code of the DVD Player. In this case the DVD/VCD/S-VCD cannot by played on the DVD Player.
➔ **The loaded disc won't play**	A condensation film may have formed on the laser scanning lens of the DVD Player. This is very likely if the DVD Player has been exposed to extreme temperature fluctuations. Place the DVD Player in a dry environment at normal room temperature. Remove the disc from the disc drawer. Leave the DVD Player switched on for at least one hour without using it to allow the condensation film to evaporate.
➔ **No picture or only a black-and-white picture**	**A** Check that all the connecting cables between the DVD Player and television (or video projector) have been firmly plugged into the correct sockets. **B** Check that the settings in the OSD menu match the manner of connection of the DVD Player with the television (or video projector) ➧ ***For this subject please refer to Chapter 7. "Connecting the DVD Player to a Television"*** **C** Refer to the operating instructions for the given television (or video projector) to check that all the settings have been made on the television that are necessary to use the DVD Player with the television.
➔ **No 4:3 or 16:9 screen format displayed**	**A** Refer to the operating instructions for the given television to establish the screen format. **B** Check whether the settings in the OSD menu conform with the television's available screen format.
➔ **None of the buttons on the DVD Player or remote control function/Other functions**	**A** Switch off the DVD Player by pressing the "Power" button on the front of the DVD Player. Wait for ten seconds and then press the "Power" button once again to switch the DVD Player on again. **B** If the faults continue to persist: Reset the works settings for the DVD Player. ➧ ***For this subject please refer to Chapter 17. "General Functions of the DVD Player".***

IB_KH6777_EN 58 23.09.2003, 0:57 Uhr

→ **No sound**	**A** Check whether the television and/or the DVD Player have been switched to mute mode. **B** Check whether all connecting cables between the DVD Player and connected audio components have been firmly inserted into the correct sockets. **C** Check whether the settings on the OSD menu match the manner of connection of the audio components with the DVD Player. ➧ ***For this subject please refer to Chapter 10. "Connecting Audio Components to the DVD Player".*** **D** Refer to the operating instructions for the given television to check that all the settings have been made on the television that are necessary to use the DVD Player with the television. **E** Refer to the operating instructions for connected audio components to find out whether settings have to be made to enable their use in connection with the DVD Player. **F** In the event that … • the DVD Player has been connected to a stereo television and no audio components have been connected to the DVD Player, or • a Dolby Prologic-compatible audio component has been connected via the stereo output (with chinch cable in the "FL" and "FR" chinch sockets) of the DVD Player, as described in the chapter "Connecting a HiFi System" … then check whether the settings in the "Audio" OSD menu item, "Size" sub-item, match the settings for Stereo-Downmix.
→ **Remote control does not function**	**A** Check whether the batteries have been inserted in the remote control with the correct polarity. **B** Check whether the batteries in the remote control have become exhausted; exchange both batteries if necessary.. **C** Ensure that there are no obstacles between the remote control and the DVD Player. **D** Do not operate the remote control at a distance of more than five meters from the DVD Player.
→ **Language playback/ Subtitle language does not match the setting in the OSD menu.**	The playback language/subtitle language set in the OSD menu is not available on the loaded disc.
→ **One or several functions cannot be switched on**	The selected function may not be available on all DVDs/VCDs/S-VCDs. If you attempt to carry out a function that is not available, then the symbol ⊘ will be displayed on the television screen.

IB_KH6777_EN 59 23.09.2003, 0:57 Uhr

Contact our service partner in your vicinity if …

- **When the listed functional faults cannot be remedied in the described manner!**
- **When faults other than those listed arise!**

Warning!

NEVER open the case of the DVD Player! It does not contain any parts that can be repaired by the user. The warranty becomes null and void if the case has been opened. We do not accept any liability/warranty for damage resulting from opening the case or repair attempts that were not carried out by qualified personnel!

IB_KH6777_EN 60 23.09.2003, 0:57 Uhr

Glossary/Index

IB_KH6777_EN 61 23.09.2003, 0:57 Uhr

19. Glossary/Index

What are DVDs, VCDs and S-VCDs?

DVD stands for "Digital Versatile Disc". They are used to store audio and video data. They are available in the formats 8 cm and 12 cm (diameter) DVDs offer a significantly higher storage capacity than CD-Rs/CD-RWs – a playback duration of the stored audio and video data of up to eight hours.

VCDs/S-VCDs

"Video-CD" (VCD) and "Super Video-CD" (S-VCD) define two processes that save storage space by compressed storage of films on CDs. VCDs and S-VCDs are available in the formats 8 cm and 12 cm (diameter). Their storage capacity is significantly lower than that of DVDs. Consequently, the 8 cm format provides a storage capacity for a playback duration of 20 minutes. and the 12 cm format for 74 minutes.

VCDs are available in two versions:

- Version 1.1 VCDs/S-VCDs will only playback audio and video data.
- Version 2.0 VCDs/S-VCDs features PBC (Playback Control) functions; still frames can be reproduced in a high resolution.

Playback Control (PBC)

Version 2.0 VCDs/S-VCDs feature Playback Control ("PBC"). A main menu is available on the VCD/S-VCD to operate the different functions of the VCD/S-VCD.

What are title and chapter?

Titles are the largest video and audio units on DVDs. On many DVDs the (main) film has the title number 01. Further title numbers can be assigned to bonus material (e.g. film trailers, background information, etc) on many DVDs.

Chapters are the next smallest video and audio units below titles. If the title(s) of a DVD/VCD/S-VCD is/are divided into chapters, then these are assigned numbers which can be entered for direct access to the given chapter.

Please note that not all DVDs …

- feature title(s) subdivided into (numbered) chapters,
- and that chapters may also be designed as "scenes" (e.g. in the main menu of DVDs)

What are SCART, S-Video, Composite-Video Progressive Scan and YUV?

Scart

SCART defines a 21-pin, standard plug connection to transmit RGB signals, video signals and S-Video signals, as well as a number of other control and extra signals.

S-Video

Connecting the DVD Player to a television by way of S-Video separates brightness and colour signals to achieve higher picture sharpness and diminish so-called "coloured noise" caused by the superimposition of the coloured, usually intensely saturated, parts of a video picture with an irregular, restless disturbance structure.

Composite-Video

A video signal or FBAS signal where the video signal contains both colour and brightness information.

Progressive Scan

Normally, televisions and video projectors are controlled by half pictures or so-called "fields". This produces clearly visible line structures. Progressive Scan, on the other hand, defines the output of full pictures or so-called '"frames" (with this DVD Player at the YPbPr output). Progressive Scan signals can only be processed by appropriate playback units (primarily large-format television, projectors). Compared with conventional video signals, the picture quality is significantly enhanced.

YUV (Component Video Out)

YUV defines the component signal supplied by this unit to the YPbPr output in the form of half-pictures or so-called "fields". Normally, this is the best signal for controlling large-format televisions and projectors which cannot process Progressive- Scan signals. As with RGB video transmission, YUV is composed of three separate video signals:

- the brightness signal "Y" and
- the two colour differentiation signals "U" and "V".

Fields (Interlace)/Frames (Progressive Scan)

A standard television picture is composed of 576 visible lines; all odd lines are first shown followed, in alternation, by all even lines, i.e. half-picture or field. Consequently, only 30 full pictures or frames (60 fields) can be displayed per second. This method is known as the "Interlace" format.

IB_KH6777_EN 62 23.09.2003, 0:57 Uhr

This contrasts with the "Progressive Scan" format where all lines are shown each time, i.e. 60 frames or full pictures per second. This increases the over-all quality of the picture so that still pictures and text appear to be significantly sharper.

Decoder

The sound on DVDs featuring home cinema surround sound is stored in a coded form on the DVD. There are different coding formats for different purposes, e.g. AC-3 to reproduce Dolby Digital surround sound.

To reproduce coded sound the playback units (e.g. DVD Player) or the connected audio components (e.g. surround-sound units) must feature a so-called decoder to transform the coded signals into sound and music.

The eBench KH 6777 DVD-Player features both an AC-3 decoder (for Dolby Digital 5.1 surround-sound signals) and a DTS decoder (for DTS surround-sound signals).

Dolby Surround

Dolby Surround is an analog sound signal that uses the two channels of a stereo sound signal to accommodate stereo sound information for another channel. A Dolby surround-sound decoder transforms the sound/music signals and conducts them to two additional loudspeakers set up behind the listening point.

Dolby Prologic

Compared with the Dolby surround-sound format, Dolby Prologic uses another channel in the stereo signal, the co-called "Centre" channel. The corresponding centre speaker is positioned in the centre between the stereo speakers. The lowest sounds are supplied to a base speaker that is known as a "subwoofer". The subwoofer can be positioned at any point within a room. This is because the bass sounds reproduced by the subwoofer can hardly be accurately localised by the human ear.

Dolby Digital (5.1)

Dolby Digital, also known as AC3, is a digital sound format for up to six separate audio channels. Most current DVDs store the sound in the so-called "Dolby Digital 5.1" format where the "5" stands for the three front and two rear surround-sound channels, and the "1" for the bass channel.

DTS

DTS stands for "Digital Theatre System" and defines one of the most common surround-sound formats for DVDs. As is the case with Dolby Digital 5.1, DTS uses three front and two rear surround-sound channels, as well as a bass channel.

What are PAL, NTSC and SECAM?

PAL

PAL is the abbreviation of "Phase Alternation Line". PAL is the customary and most wide spread colour television standard in central and western Europe (with the exception of France; see "SECAM").

NTSC

NTSC stands for "National Television System Committee" and is the colour television standard used primarily in the USA and Japan.

SECAM

NTSC stands for "National Television System Committee" and is the colour television standard used primarily in the USA and Japan.

Audio-CDs

Audio-CDs only hold audio data. They are likewise available in the 8 cm and 12 cm formats (diameter). Playback duration for their stored audio data is 20 minutes (8 cm format) and 74 minutes (12 cm format). Audio-CDs hold audio data in CDA format.

MP3

MP3 defines a process or format for the compression of audio data developed by the Fraunhofer Institute. Music compressed in the MP3 format take up only a fraction of the original storage space so that far more music can be stored than on, for instance, CD-Rs/CD-RWs than on the normal commercial audio-CDs storing audio data in CDA format.

WMA

WMA ("Windows® Media Audio") is a file format for audio data developed by Microsoft®.

JPEG

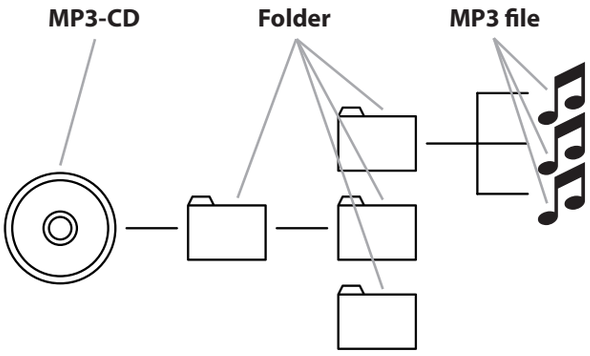
JPEG ("Joint Photographics Expert Group") defines a widespread graphics format developed by the organisation of the same name in which the video data of the colour and grey scales are compressed.

What are folders?

Contrary to audio-CDs, the titles on a CD-R/CD-RW with MP3, WMA and JPEG files are stored in folders, for instance, to sort titles according to different genres.

For instance, the structure of an MP3-CD can be as follows if the MP3 files are stored in folders:

IB_KH6777_EN 63 23.09.2003, 0:57 Uhr



IB_KH6777_EN 64 23.09.2003, 0:57 Uhr

IB_KH677_EN

23.09.2003, 0:57 Uhr

Kompernaß Handelsgesellschaft mbH • Burgstraße 21 • D-44867 Bochum, Germany
www.kompernass.com